



TEXAS HIGH SCHOOL

2022-2023

PROGRAM
of
STUDIES

& Course Description Guide



Texas High School

Program of Studies and Course Description Guide 2022-2023

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Texas High School Program of Studies and Course Description Guide

Choosing the right courses and registering properly are two of the most important things students and parents can do every year to ensure a quality educational experience for their children. It is essential that both parents and students think carefully about long-range plans when making decisions about which courses to take. Every effort will be made to keep parents and students informed throughout this process. Students who receive sound parental input and give their full attention to selecting the right courses are much more likely to attain their stated educational goals.

Course selection sheets will be distributed to students in late January and early February. Students will use these forms to indicate which courses they plan to take for the 2022-2023 school year. Students should follow established deadlines and return the completed course selection sheet in a timely fashion. All students must choose at least two alternate electives in case of scheduling conflicts. Upperclassman will be given priority when conflicts arise. If students fail to complete and return the course selection sheet, courses will be chosen for them.

Course selection is FINAL! All scheduling decisions are made based on the course requests we receive from our students, and scheduling begins well before the end of the current school year. Once course selection sheets are completed, signed, and returned, they are considered final. In the event that a change is deemed absolutely necessary after this date, a schedule change request must be emailed to the student's academic advisor who will send it to the appropriate administrator for consideration. No changes will be made over the phone, and only necessary course changes will be considered. Changes will not be made based on preference or a change of mind. **Absolutely no course changes will be made after June 23.** Schedules will be given to students prior to the first day of school.

Substantial differences should be expected between regular and advanced courses (Pre-Advanced Placement, Honors, Advanced Placement, and Dual Credit). Regular courses are designed to meet both state and local expectations for all students while equipping them for a variety of pursuits after high school, including college and career readiness. Students are not required to take advanced level courses in order to pursue any diploma type. Advanced courses are designed to challenge students significantly and typically require increased higher-order thinking and application of skills and concepts. These courses are recommended for students who have performed at a high level academically in the past and who are willing to push themselves when confronted with rigorous course work. Students enrolling in dual credit courses must satisfy the college entrance requirements set forth by the Texas Higher Education Coordinating Board. Parents and students are encouraged to consider the decision to take advanced courses carefully. Students will not be able to move into an Advanced Placement or Dual Credit class after the 3rd week of school. Schedule changes are in no way guaranteed for students who struggle in an advanced course.

TISD Mission Statement:

The mission of Texarkana Independent School District, and innovative learning community strengthened by its diversity, is to provide a superior education in a caring environment that inspires, challenges and engages each student through a wide range of opportunities.

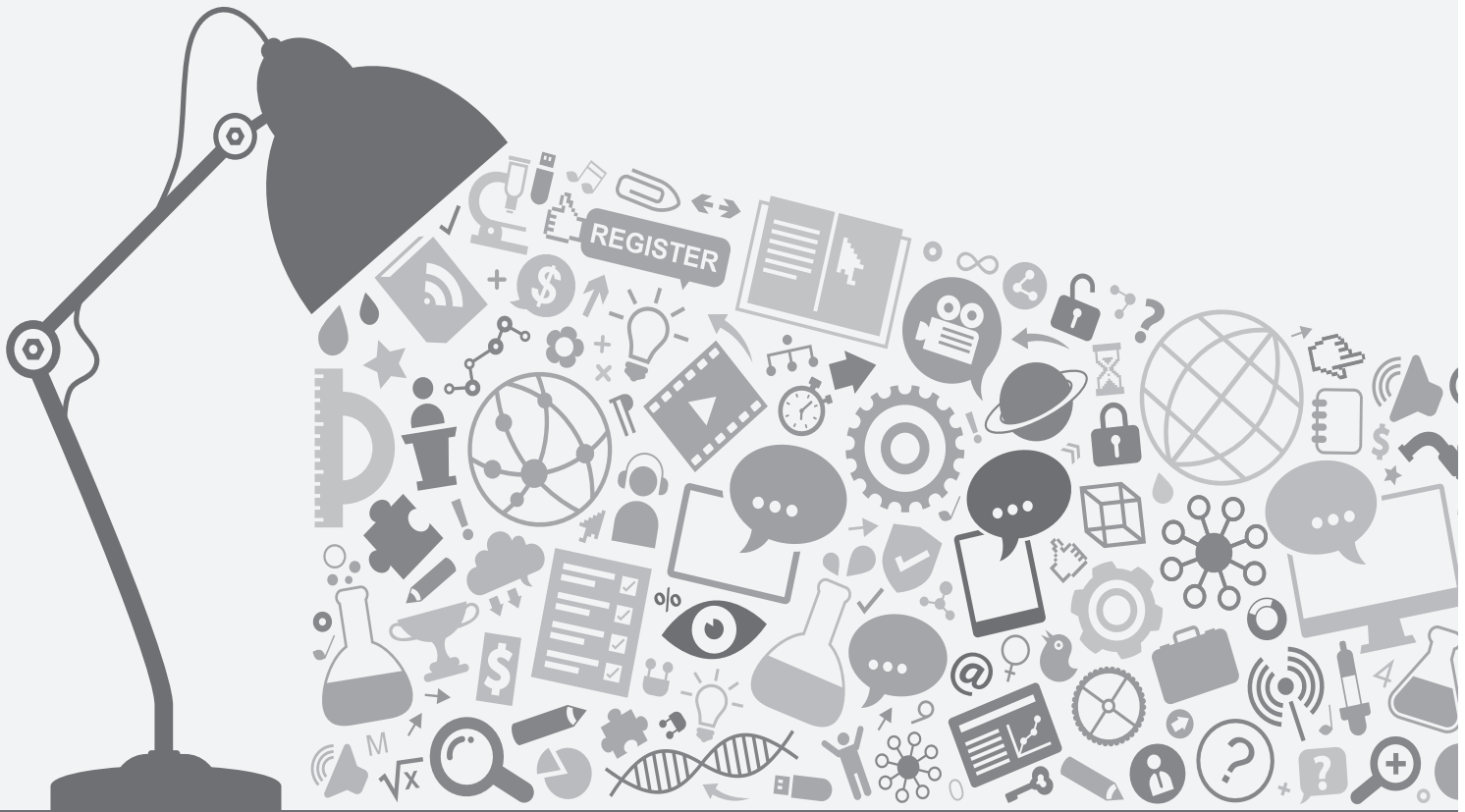
Texas High School Motto:

"Tomorrow's future at work today"

Texas High School Mission Statement:

Texas High School will offer excellence in education for all students—today and tomorrow.

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MAKING A CAREER CONNECTION

The Career Connections program is designed to help students plan for high school studies and to earn an endorsement upon graduation.

Soon, students will be making course selections for the next school year. Courses should be chosen carefully, as they will become the foundation for the student’s future. Careful selection of courses will help a student make that career connection after high school. “Career” implies more than just a job; it includes education, work and lifestyle. Achieving a successful and satisfying career takes years of planning, studying, training, and hard work. The good life won’t just happen without careful planning. The ultimate goal for all students is the same—a successful and satisfying career. Choosing the right path to follow in high school is the first critical step in achieving that goal.

The Career Connections program has been developed to help students make a successful transition from high school to post-secondary education, training, and/or a career.

This planner will help students to focus on areas of interest and career options and will suggest courses of study and action that will help meet the students’ goals. Hopefully, it will assist students in course selections. Courses are arranged in career clusters to help students develop a career plan. Thirteen areas of concentration have been identified.

Students in the Texarkana Independent School District have more choices than ever before!

Texas High School offers 542 courses in a comprehensive academic program. In addition to the wide selection of electives, students may choose Advanced Placement, dual credit, and Career & Technology Education classes. This guide will take students step-by-step through the process of developing a career connection and of choosing course selections to meet their goals.

How do I choose an endorsement area?	May I change my endorsement choice?	What if I need help?
Students will choose one of five endorsements, or broad areas of study, when they enter high school. The Career Connections program provides information that will help students choose this focus of study and begin preparation for a career while in high school.	Yes. Students may change their endorsement choice at any time. High school offers such a wonderful opportunity for students to explore areas of interest and to find those courses that spark enthusiasm. The goal is always to help students focus on their strengths.	Parents, counselors, academic advisors, teachers, principals, and area business leaders are all here to help students in this process. Student success is the mission of Texarkana ISD, and our team is ready to assist in every way possible.

MAKING A CAREER CONNECTION

GET READY . . .

STEP 1:	STEP 2:	STEP 3:	STEP 4:
Focus on yourself. Investigate your strengths, interests, and abilities. Discuss with friends and parents the things you like to do and the things in which you excel. Utilize Naviance College & Career Package at www.txkisd.net/links	Review your academic record with your academic advisor and note your strengths. Your academic and elective choices should reflect your interests and your aptitudes (or strengths).	Talk to your parents; they know more than you think! Parents can help you focus on your strengths and interests. They can also direct you to other friends and relatives who can provide information on careers.	Study the thirteen career clusters presented in this booklet. Once you have focused on your interests and aptitudes, match those with a career cluster and related occupations. Choose your career cluster.

GET SET . . . GO!

STEP 5:	STEP 6:	STEP 7:	STEP 8:
Choose your endorsement area. The State provides five endorsement areas that may be earned while completing the requirements of the Foundation Graduation Program. TISD requires a minimum of 26 credits needed to earn an endorsement.	Texas High School offers multiple options in each of the State's five endorsement areas. Review the four-year plans provided in this guide and choose the plan that best suits your interests and abilities.	Once you have chosen your four-year plan, review your course options. Map out the courses you plan to take each year. Be sure to follow course sequences that will meet prerequisite requirements.	Complete your course selection sheet for the 2022-23 school year based on your four-year plan of study.

Industry Certifications

Texas High School encourages interested students to work toward a selected industry credential or state license while pursuing a high school diploma. Earning a certification or license provides the following benefits:

- added value to a transcript for higher education purposes or for obtaining an entry-level position in the technical job market,
- evidence that the student has completed advanced educational preparation and verification of CTE business and college and career readiness skills (CCRS),
- increased job opportunities for advancement in a chosen career path, and
- enhanced self-esteem for students through achieving national occupational competency standards recognized by business and industry.

The CTE program at Texas High School offers a variety of certifications in multiple career clusters.

Criteria for Certification Exam Funding Eligibility

- Student enrollment in the course for which the certification is offered
- Teacher recommendation based on course performance
- Minimum score of 75% on pre-certification assessment
- Ability to consistently demonstrate certification required skills
- No disciplinary placement in DAEP

Students who do not meet the criteria above may register with the course instructor for the certification exam at their own expense.

Programs of Study by Career Cluster

A. Agriculture, Food, & Natural Resources

- a. Agribusiness
- b. Animal Science
- c. Applied Agricultural Engineering
- d. Environmental & Natural Resources
- e. Plant Science



B. Architecture & Construction

- a. Architectural Design
- b. Carpentry
- c. Construction Management & Inspection
- d. Electrical
- e. HVAC & Sheet Metal



C. Arts, Audio Visual Technology, & Communications

- a. Design & Multimedia Arts
- b. Digital Communications



D. Business, Marketing & Finance

- a. Accounting & Financial Services
- b. Business Management
- c. Entrepreneurship
- d. Marketing & Sales



E. Education & Training

- a. Early Learning
- b. Teaching & Training



F. Health Science

- a. Exercise Science & Wellness
- b. Healthcare Diagnostics
- c. Healthcare Therapeutic
- d. Medical Therapy
- e. Nursing Science



G. Hospitality & Tourism

- a. Culinary Arts



H. Human Services

- a. Cosmetology & Personal Care Services
- b. Family & Community Services
- c. Health & Wellness



I. Information Technology

- a. Information Technology Support & Services
- b. Networking Systems
- c. Web Development



J. Law and Public Service

- a. Law Enforcement
- b. Legal Studies



K. Manufacturing

- a. Advanced Manufacturing & Machinery Mechanics
- b. Welding



L. Science, Technology, Engineering & Mathematics

- a. Cybersecurity
- b. Engineering
- c. Programming & Software Development
- d. Renewable Energy



M. Transportation, Distribution, & Logistics

- a. Automotive
- b. Aviation Maintenance





- Level 1**
-Principles of Agriculture, Food, and Natural Resources

- Level 2**
-Professional Communications

- Level 3**

- Level 4**
-Practicum in Agriculture, Food, and Natural Resources
-Practicum in Entrepreneurship
-Career Preparation I (DC)

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

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

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

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

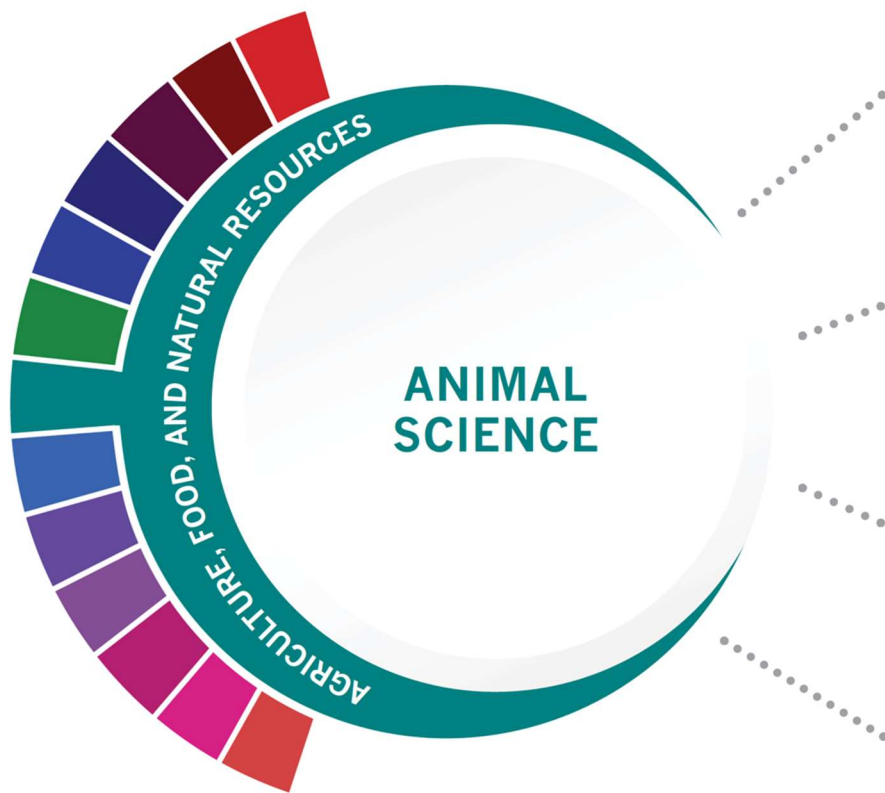
The Agribusiness program of study explores the occupations and educational opportunities associated with the business of farming and agriculturally related business that supplies farm inputs, such as machinery and seeds. This program of study may also include exploration into the marketing of farm products, the purchase of farm products either for further processing or resale and grading or classifying unprocessed food or other agricultural products.



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

Successful completion of the Agribusiness program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





- Level 1**
-Principles of Agriculture, Food, and Natural Resources

- Level 2**
-Small Animal Management (DC)
-Equine Science (DC)

- Level 3**
-Livestock Production/Lab (DC)

- Level 4**
-Advanced Animal Science
-Veterinary Medical Applications/Lab
-Practicum in Agriculture, Food, and Natural Resources
-Project-Based Research
-Scientific Research and Design (DC)

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

∞ Industry Certification offered at Texas High School.

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Texas FFA	Agri-Science Fair 4H Volunteer at a local farm or veterinary office FFA Supervised Agriculture Experience (SAE)

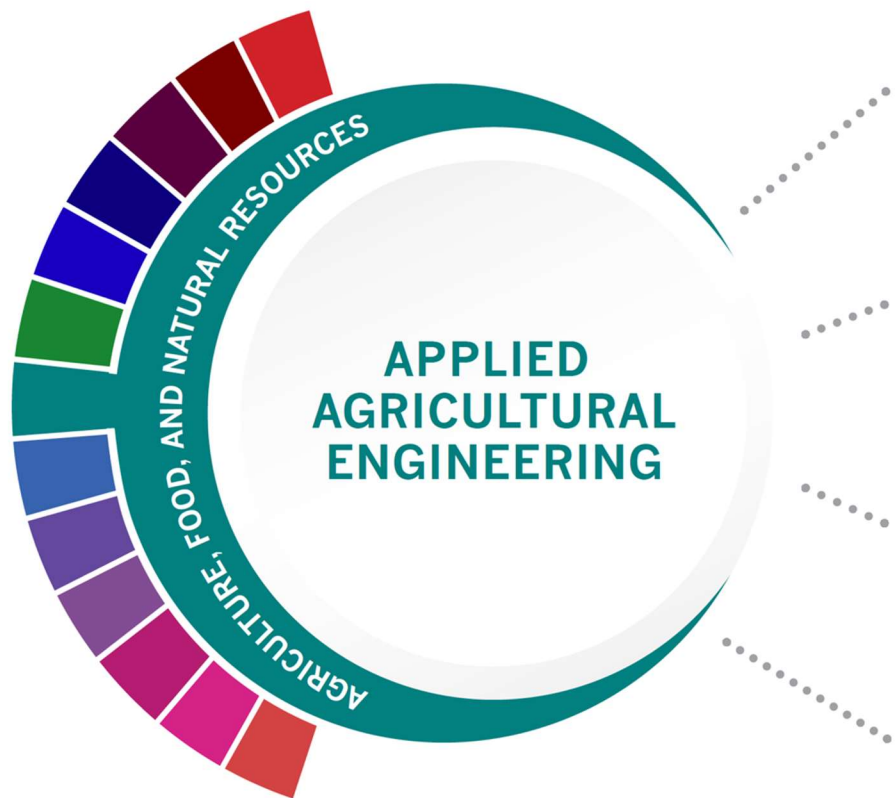
The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches CTE learners how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary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



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

Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





- Level 1**
-Principles of Agriculture, Food, and Natural Resources

- Level 2**
-Agricultural Mechanics and Metal Technologies/Lab

- Level 3**
-Agricultural Structures Design and Fabrications/Lab
-Agricultural Power Systems/Lab

- Level 4**
-Practicum in Agriculture, Food, and Natural Resources
-Project-Based Research
-Scientific Research and Design (DC)

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

∞ Industry Certification offered at Texas High School.

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

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

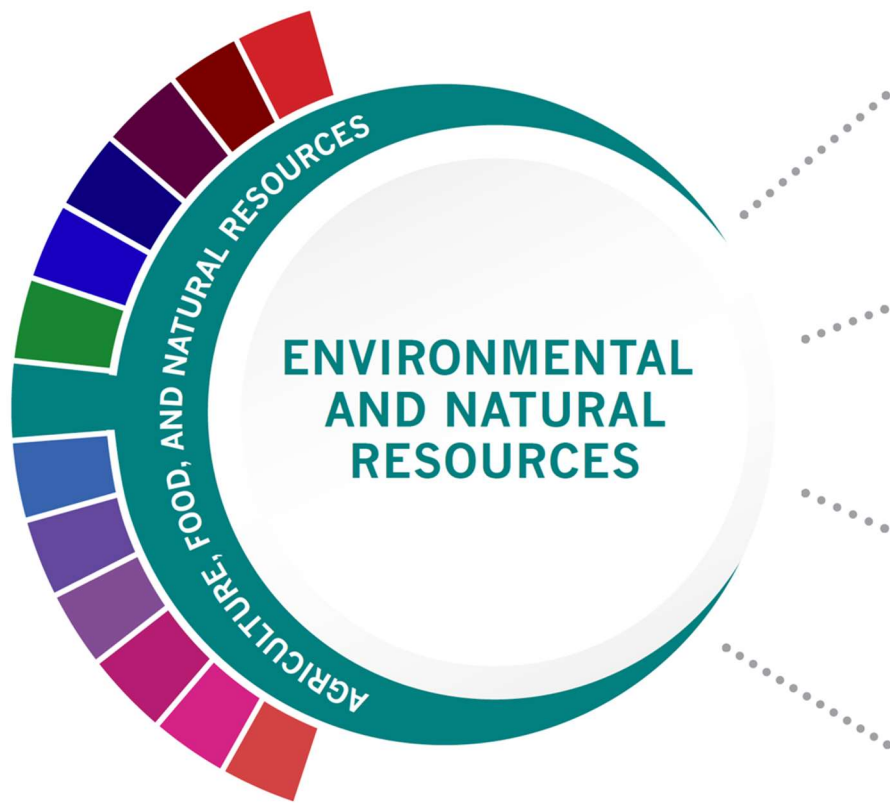
The Applied Agricultural Engineering program of study explores the occupations and educational opportunities associated with applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation,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



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

Successful completion of the Applied Agricultural Engineering program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





- Level 1**
-Principles of Agriculture, Food, and Natural Resources

- Level 2**
-Wildlife, Fisheries, and Ecology Management/Lab
-Forestry and Woodland Ecosystems/Lab

- Level 3**
-Range Ecology Management/Lab

- Level 4**
-Practicum in Agriculture, Food, and Natural Resources
-Project-Based Research
-Scientific Research and Design (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Wastewater Collections, Class 1	Board Certified Environmental Engineer - Hazardous Waste Management	Environmental Science	Environmental Science	Environmental Science
Water Operators, Class D	Certified Water Technologist	Environmental Studies	Environmental/Environmental Health Engineering	Environmental/Environmental Health Engineering
OSHA Hazardous Waste Operations and Emergency Response	Certified Environmental Scientist	Wildlife, Fish, and Woodlands Science and Management	Wildlife, Fish, and Woodlands Science and Management	Wildlife, Fish, and Woodlands Science and Management
	Certified in Public Health	Environmental Engineering Technology/Environmental Technology	Natural Resources Law Enforcement and Protective Services	Fishing and Fisheries Science and Management

Occupations	Median Wage	Annual Openings	% Growth
Environmental Engineering Technicians	\$53,352	101	32%
Environmental Engineers	\$86,757	288	25%
Environmental Science and Protection Technicians, Including Health	\$40,268	508	17%
Environmental Scientists and Specialists, Including Health	\$77,896	644	24%
Zoologists and Wildlife Biologists	\$67,309	45	32%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Attend summer leadership events Texas FFA	Intern at a waste treatment plant FFA Supervised Agriculture Experience (SAE)

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

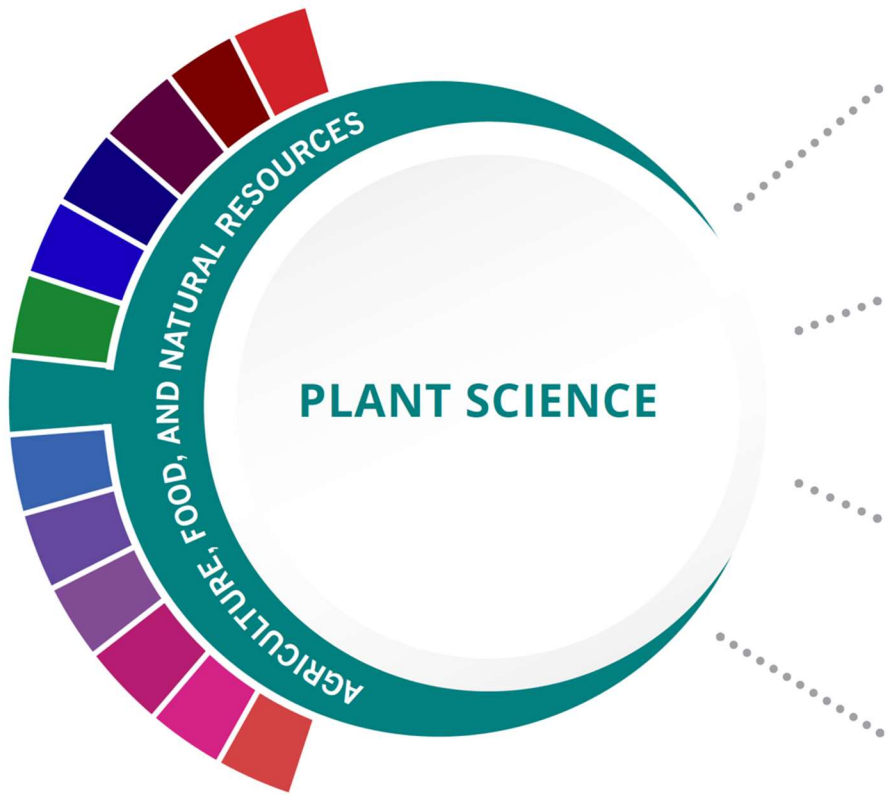
The Environmental and Natural Resources program of study explores the occupations and educational opportunities associated with the research, design, and planning of engineering or technical duties in the prevention and control of environmental hazards. This program of study may also include exploration into conducting research for the purpose of identifying, abating, or eliminating sources of pollutants or hazards that affect either the environment or the health of the population.



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

Successful completion of the Environmental and Natural Resources program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





- Level 1**
-Principles of Agriculture, Food, and Natural Resources

- Level 2**
-Landscape Design and Management

- Level 3**
-Floral Design/Lab
-Horticultural Science/Lab

- Level 4**
-Practicum in Agriculture, Food, and Natural Resources
-Advanced Floral Design
-Project-Based Research
-Scientific Research and Design (DC)

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

∞ Industry Certification offered at Texas High School.

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

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

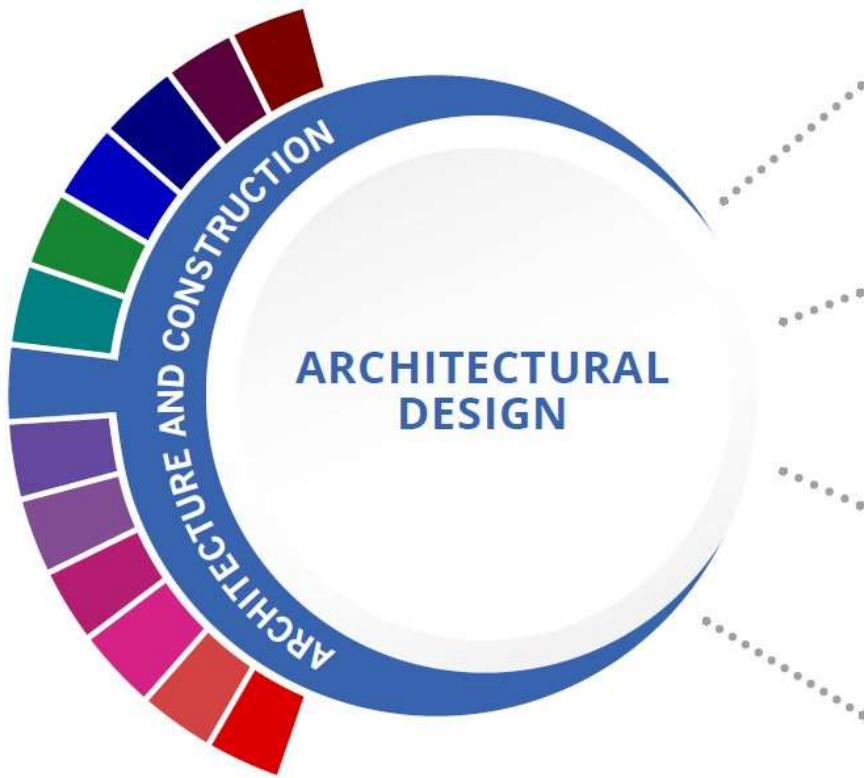
The Plant Science program of study focuses on the science, research, and business of plants and other living organisms. It teaches students how to apply biology and life science to real-world life processes of plants and vegetation, either in laboratories or in the field.



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

Successful completion of the Plant Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





-Principles of Architecture

Level 1

-Architectural Design I
-Interior Design I

Level 2

-Architectural Design II
-Interior Design II

Level 3

-Practicum in Architectural Design
--Career Preparation I (DC)

Level 4

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Autodesk Certified Professional or User in AutoCAD	Certified Photogrammetric Technologist	Architecture	Architecture	Architecture
Autodesk Certified Professional or User in AutoCAD Civil 3D	Certified Development, Design & Construction Professional	Interior Design	Interior Design	Interior Architecture
Autodesk Certified Professional or User in Autodesk Revit Architecture	National Council Certified Interior Designer	Civil Engineering, General	Civil Engineering, General	Civil Engineering, General
Autodesk Certified Professional or User in Autodesk Revit MEP Electrical	LEED AP Building Design & Construction	Geographic Information Science and Cartography	Geographic Information Science and Cartography	Geographic Information Science and Cartography

Occupations	Median Wage	Annual Openings	% Growth
Architects	\$77,043	808	16%
Geographic Information Analysts and Surveyors	\$58,926	162	27%
Architectural/ Civil Drafters	\$50,170	1,068	9%
Construction Managers	\$87,402	2,401	14%

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Shadow an architect, interior designer, or civil engineer. SkillsUSA	Intern at an architecture firm.

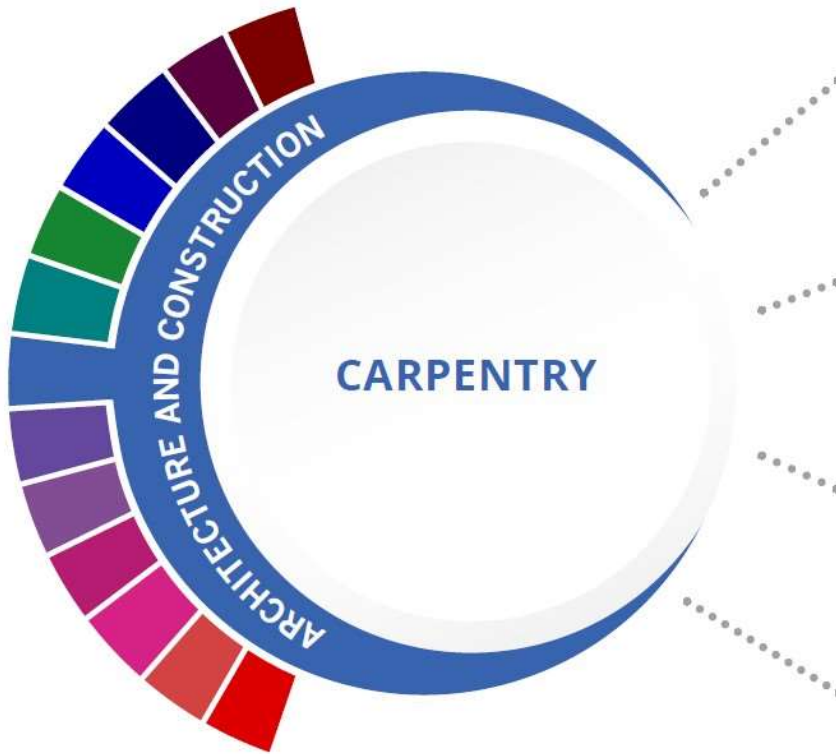
The Architectural Design program of study explores the occupations and educational opportunities associated with developing, engineering, and designing building structures and facilities. This program of study may also include exploration into collecting and interpreting geographic information, researching and preparing maps, and interior design.



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

Successful completion of the Architectural Design program of study will fulfill requirements of the Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





Level 1
 -Principles of Construction (DC)
 -Principles of Architecture

-Construction Technology I (DC)

Level 2

Level 3
 -Construction Technology II (DC)
 -Mill & Cabinetmaking Technology

Level 4
 -Practicum in Entrepreneurship
 -Career Preparation I (DC)

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

∞ Industry Certification offered at Texas High School.

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Shadow a carpenter or millwright. SkillsUSA	Obtain an NCCER certification in Millwright Level 1 or Carpentry Level 1

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



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

Successful completion of the Carpentry program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





- Level 1**
-Principles of Construction (DC)

- Level 2**
-Building Maintenance Technology I
-Construction Management I

- Level 3**

- Level 4**
-Practicum in Construction Management (DC)
-Career Preparation I (DC)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
NCCER Construction Technology	Code Enforcement Officer, Texas Department of Health Code Enforcement	Construction Engineering Technology/ Technician	Construction Engineering Technology/ Technician	Materials Engineering
∞ NCCER Core Curriculum	<i>Certified Cost Estimator/ Analyst</i>	<i>Business Administration and Management, General</i>	<i>Business Administration and Management, General</i>	<i>Business Administration and Management, General</i>
∞ OSHA 30 Hour Construction	<i>Certified Professional Estimator</i>	<i>Mechanical Engineering</i>	<i>Mechanical Engineering</i>	<i>Mechanical Engineering</i>
NCCER Construction Site Safety Technician	Structural Masonry Special Inspector	Business/ Commerce, General	Business/ Commerce, General	Manufacturing Engineering

∞ Industry Certification offered at Texas High School.

Occupations	Median Wage	Annual Openings	% Growth
Construction and Building Inspectors	\$53,914	983	17%
Cost Estimators	\$63,939	2,239	21%
Construction Managers	\$87,402	2,401	14%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Shadow a building inspector or cost estimator SkillsUSA	Intern with a construction company shadowing project managers or inspectors

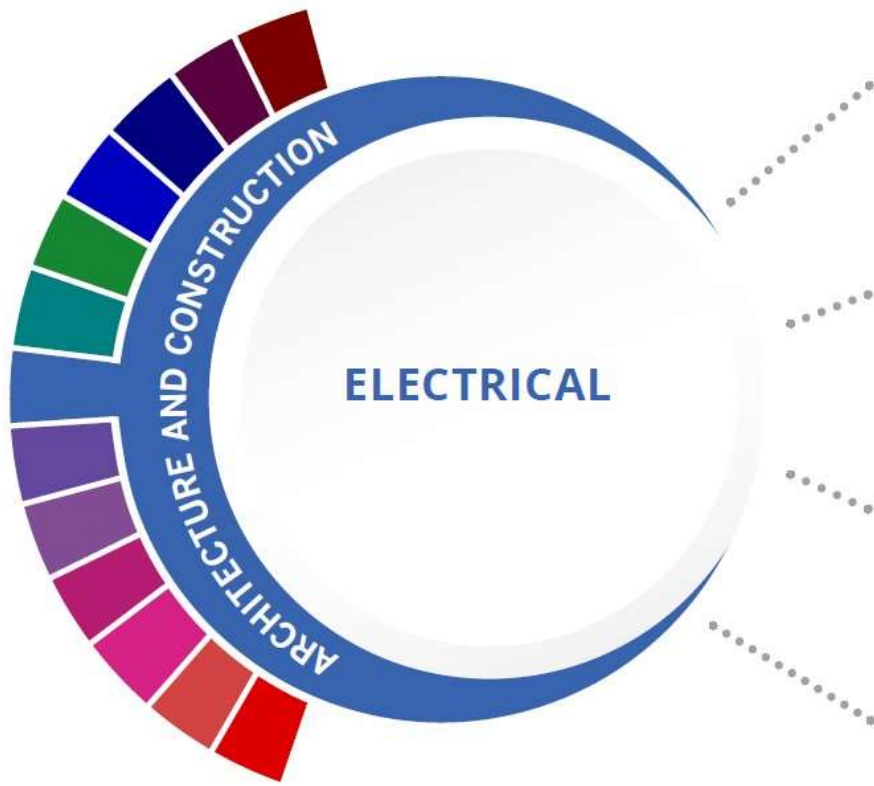
The Building Codes and Inspection program of study explores the occupations and educational opportunities associated with cost estimates for construction projects or services to aid management in bidding on or determining the price of products or services. This program of study may also include exploration into inspecting structures using engineering skills to determine structural soundness and compliance with specifications, building codes, and other regulations.



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

Successful completion of the Construction Management and Inspection program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





Level 1	-Principles of Construction (DC)
Level 2	-Electrical Technology I (DC)
Level 3	
Level 4	-Practicum in Entrepreneurship -Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
NCCER Electrical, Level 1 & 2	Electrical Plans Examiner	Electrician	Construction Science	Construction Management
NCCER Electronic Systems Technician, Level 1 & 2	Certified Electrical Inspector - Master	Communications Systems Installation and Repair Technology		
Electrical Apprenticeship Certificate, Level 1	Fiber Optics Technician - Outside Plant			
NCCER Commercial Electrician	Certification in Fire Alarm Systems - Level 1			

Occupations	Median Wage	Annual Openings	% Growth
Electrical Linemen	\$54,184	1,314	28%
Electricians	\$44,013	8,460	21%
Electrical and Electronics Installers	\$37,544	245	19%
Security and Fire Alarm Installers	\$43,638	1,112	22%
Telecommunication Line Installers and Repairers	\$49,150	1,228	10%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Shadow an electrician or fiber optics line installer SkillsUSA	Intern or shadow an electrician

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

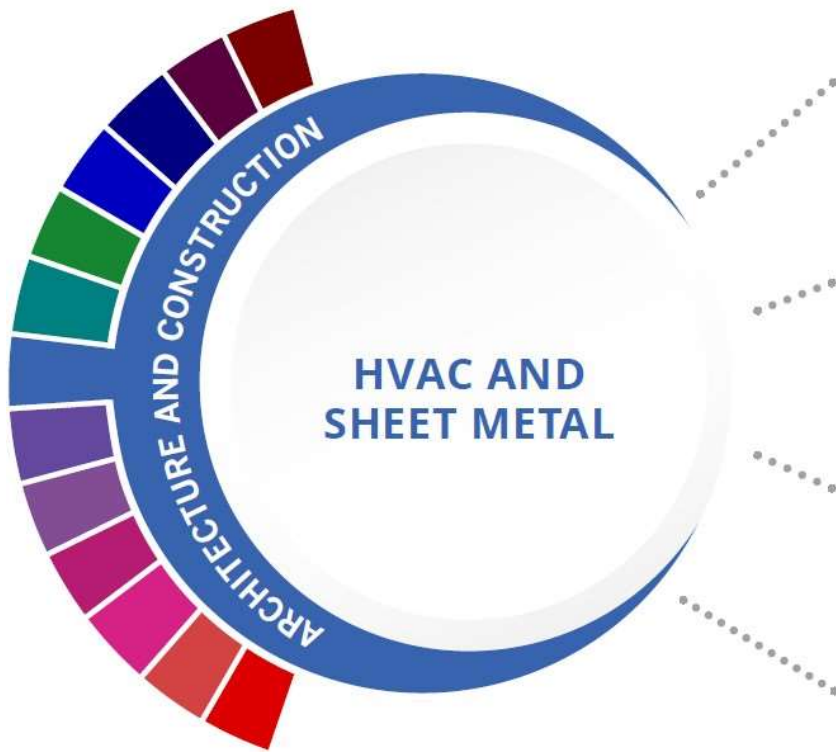
The Electrical program of study explores the occupations and educational opportunities associated with installing, maintaining, and repairing electrical wiring, equipment, and fixtures. This program of study may also include exploration into installing and repairing telecommunications cable including fiber optics.



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

Successful completion of the Electrical program of study will fulfill requirements of the Business and Industry endorsement and STEM endorsement if the math and science requirements are met. Revised - July 2020





- Level 1** -Principles of Construction (DC)

- Level 2** -Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I (DC)

- Level 3** -Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II (DC)

- Level 4** -Practicum in Construction Technology (DC)
-Practicum in Entrepreneurship
-Career Preparation I (DC)

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Refrigerant Handling (EPA 608)	Residential HVAC Design for Quality Installation	Business Administration and Management, General	Business Administration and Management, General	Business Administration and Management, General
OSHA 30 Hour Construction	Certified Cost Technician	Mechanical Engineering	Mechanical Engineering	Mechanical Engineering
NCCER HVAC, Level 1	Precision Sheet Metal Operator Certification	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/ Technician	Construction Engineering Technology/ Technician	Construction Engineering
NCCER Sheet Metal, Level 1	Certified Ventilation System Inspector	Business/ Commerce, General	Business/ Commerce, General	Business/ Commerce, General

Occupations	Median Wage	Annual Openings	% Growth
Heating, Air Conditioning, and Refrigeration Mechanics	\$41,808	3,356	26%
Sheet Metal Workers	\$37,419	1,479	17%
Cost Estimators	\$63,939	2,239	21%

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

The HVAC and Sheet Metal program of study explores the occupations and educational opportunities associated with installing, serving, or repairing heating and air conditioning systems and also the fabrication, assembly, installation, and repair of sheet metal products and equipment, such as ducts, control boxes, drainpipes, and furnace casings. This program of study may also include exploration into preparing cost estimates for certain construction projects involving heating and air conditioning and sheet metal.

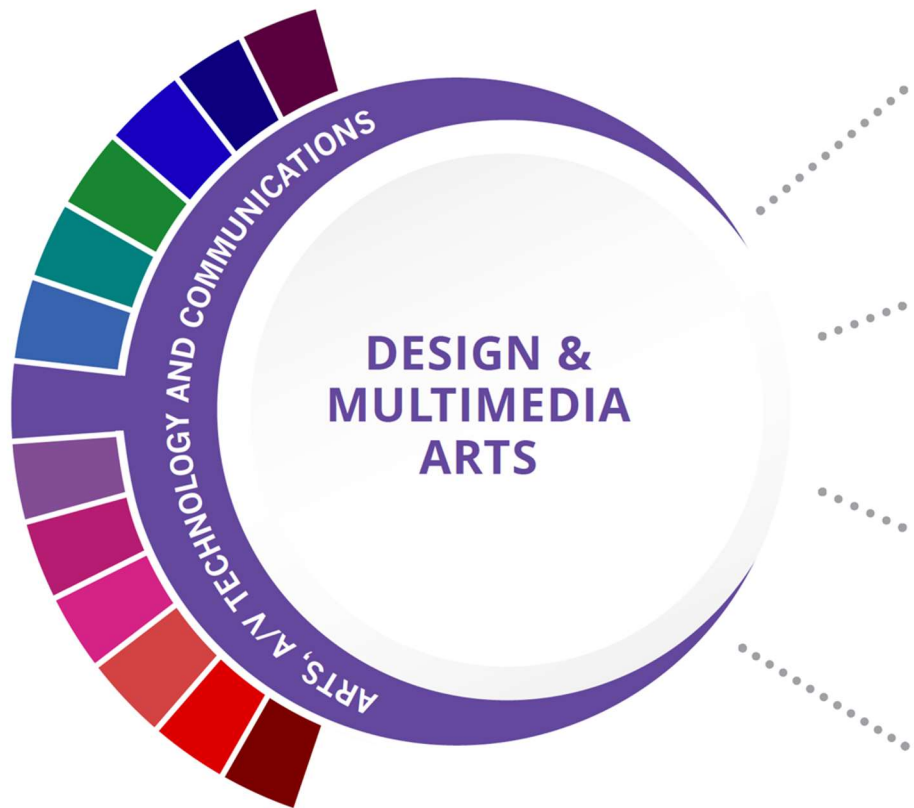
WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Shadow an HVAC worker or cost estimator SkillsUSA	Intern with a company that works with HVAC and/or sheet metal



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

Successful completion of the HVAC and Sheet Metal program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





Level 1	-Principles of Arts, A/V Technology, and Communications -Video Game Design -Digital Media
Level 2	-Graphic Design and Illustration I/Lab (DC) -Video Game Programming -Commercial Photography I/Lab -Fashion Design I/Lab -Digital Design and Media Productions (DC)
Level 3	-Graphic Design and Illustration II/Lab -Commercial Photography II/Lab (DC) -Fashion Design II/Lab
Level 4	-Practicum in Graphic Design and Illustration -Practicum in Commercial Photography (DC) -Practicum in Entrepreneurship -Career Preparation I (DC)

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

∞ Industry Certification offered at Texas High School.

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

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

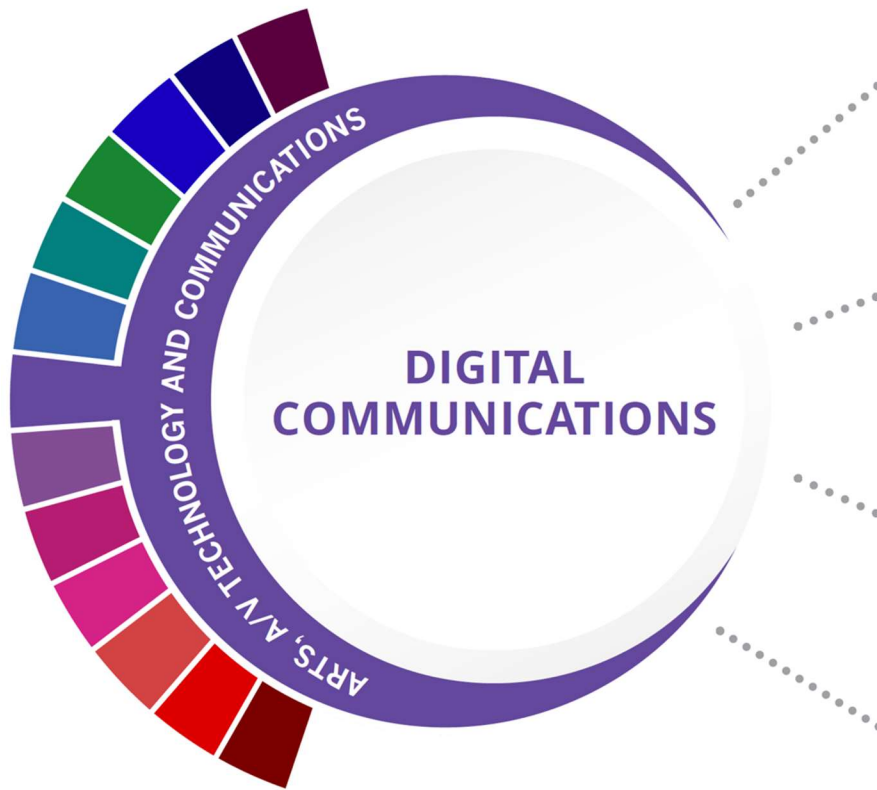
The Design and Multimedia Arts program of study explores the occupations and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. This program of study may also include exploration into designing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



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

Successful completion of the Design & Multimedia Arts program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





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

- Level 2**
 - Audio/Video Production I/Lab (DC)

- Level 3**
 - Audio Video Production II/Lab (DC)

- Level 4**
 - Practicum of Audio/Video Production (DC)
 - Practicum in Entrepreneurship

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

∞ Industry Certification offered at Texas High School.

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

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

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



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

Successful completion of the Digital Communication program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





Level 1	-Principles of Business, Marketing, and Finance -Business Information Management I/Lab (DC)
Level 2	-Accounting I (DC) -Banking and Financial Services -Financial Mathematics
Level 3	-Accounting II (DC)
Level 4	-Practicum in Business Management -Practicum in Entrepreneurship -Career Preparation I (DC)

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

∞ Industry Certification offered at Texas High School.

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

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

The Accounting and Financial Services program of study teaches CTE learners how to examine, analyze, and interpret financial records. Through this program of study, students will learn the skills necessary to perform financial services, prepare financial statements, interpret accounting records, give advice, or audit and evaluate statements prepared by others. This program of study will also introduce students to mathematical modeling tools.



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

Successful completion of the Accounting & Financial Services program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





Level 1	-Principles of Business, Marketing, and Finance -Business Information Management I/Lab (DC)
Level 2	-Business Law -Business Information Management II/Lab
Level 3	-Business Management
Level 4	-Statistics and Business Decision Making (DC) -Practicum in Business Management -Practicum in Entrepreneurship -Career Preparation I (DC)

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

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

∞ Industry Certification offered at Texas High School.

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

The Business Management program of study teaches CTE learners how to plan, direct, and coordinate the administrative services and operations of an organization. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, and allocate the use of materials and human resources. This program of study will also introduce students to mathematical modeling tools and organizational evaluation methods



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

Successful completion of the Business Management program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





Level 1
 -Principles of Business, Marketing, and Finance
 -Business Information Management I/Lab (DC)

Level 2

-Mobile Application Development

Level 3

Level 4
 -Practicum in Business Management
 -Practicum in Marketing (DC)
 -Practicum in Entrepreneurship
 -Project-Based Research
 -Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
∞ Microsoft Office Expert - Excel	Certified Facility Manager	Business Administration and Management	Business Administration and Management	Business Administration and Management
∞ Microsoft Office Expert - Word	Certified Management Accountant	Business/Commerce	Business/Commerce	Business/Commerce
Entrepreneurship and Small Business	Certified Project Consultant	Public Administration	Public Administration	Public Administration
	Accredited Management Consultant	Business Management	Management Science	Management Science

∞ Industry Certification offered at Texas High School.

Occupations	Median Wage	Annual Openings	% Growth
General and Operations Managers	\$107,640	18,679	20%
Management Analysts	\$87,651	4,706	32%
Managers, All Others	\$113,110	1,794	26%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities: Business Professionals of America (BPA) Future Leaders of America (FBLA) DECA	Work Based Learning Activities: Internship with local management consulting firm

The Entrepreneurship program of study teaches CTE learners how to plan, direct, and coordinate the management and operations of public or private sector organizations. Through this program of study, students will learn the skills necessary to formulate policies, manage daily operations, analyze management structures, and plan for the use of materials and human resources.



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.

Successful completion of the Entrepreneurship program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





Level 1
-Principles of Business, Marketing, and Finance

Level 2
-Fashion Marketing
-Sports and Entertainment Marketing

Level 3
-Social Media Marketing
-Statistics and Business Decision Making (DC)

Level 4
-Advanced Marketing (DC)
-Practicum in Marketing (DC)
-Practicum in Entrepreneurship
-Career Preparation I (DC)

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

∞ Industry Certification offered at Texas High School.

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

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

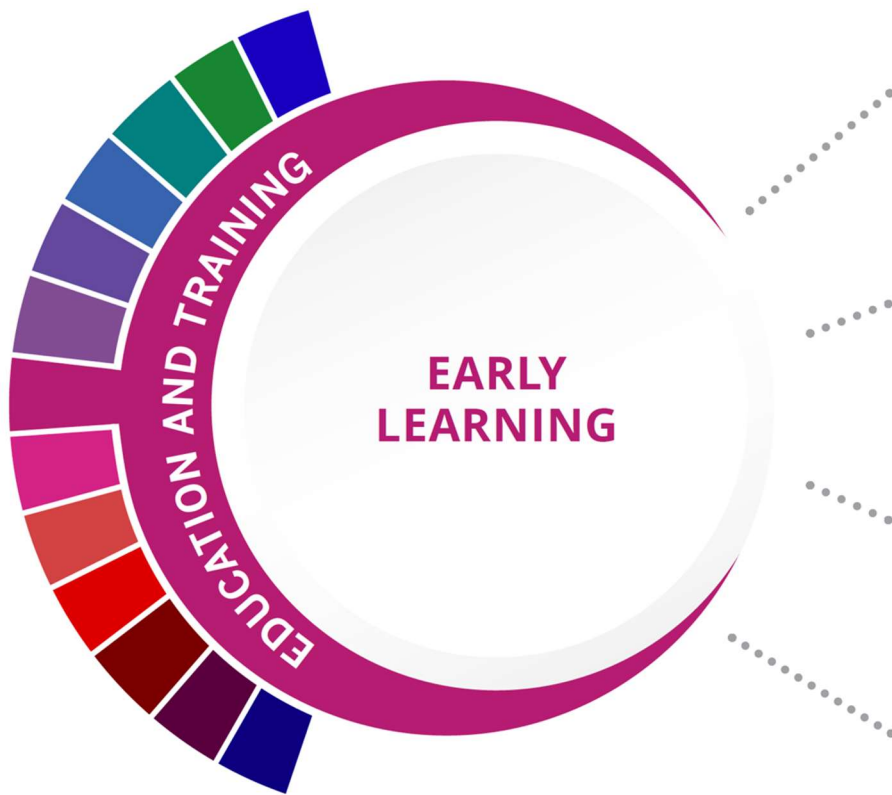
The Marketing and Sales program of study teaches CTE learners how to collect information to determine potential sales of a product or service and/or create a marketing campaign to market or distribute goods and services. Through this program of study, students will learn the skills necessary to understand and apply data on customer demographics, preferences, needs, and buying habits.



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

Successful completion of the Marketing and Sales program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





- Level 1**
 - Principles of Education and Training
 - Principles of Human Services

- Level 2**
 - Child Development (DC)
 - Child Development Associate Foundations (DC)

- Level 3**
 - Child Guidance

- Level 4**
 - Project Based Research
 - Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
∞ Child Development Associate	Child Development Associate	Early Childhood Education and Teaching	Early Childhood Education and Teaching	Early Childhood Education and Teaching
	Texas Educator Certification Program	Multicultural Early Childhood Development	Multicultural Early Childhood Development	Multicultural Early Childhood Development
	County Librarian	Kindergarten/Preschool Education and Training	Early Childhood	Educational, Instructional, and Curriculum Supervision
	Professional Counselor	Psychology/Sociology	Psychology/Sociology	Educational Leadership and Administration

∞ Industry Certification offered at Texas High School.

Occupations	Median Wage	Annual Openings	% Growth
Kindergarten Teachers, except Special Education	\$53,310	1,848	17%
Preschool Teachers	\$27,851	4,330	17%
Special Education Teachers, Preschool	\$55,670	148	27%
Elementary School Teachers	\$54,140	13,121	16%
Education Administrators, Elementary and Secondary School	\$79,830	2,407	16%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

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

The Early Learning program of study focuses on early childhood education, which consists of instructing and supporting preschool and early elementary school students in activities that promote social, physical and intellectual growth as well as in basic elements of science, art, music, and literature. This program of study introduces CTE learners to tasks necessary for planning, directing, and coordinating activities for young children.

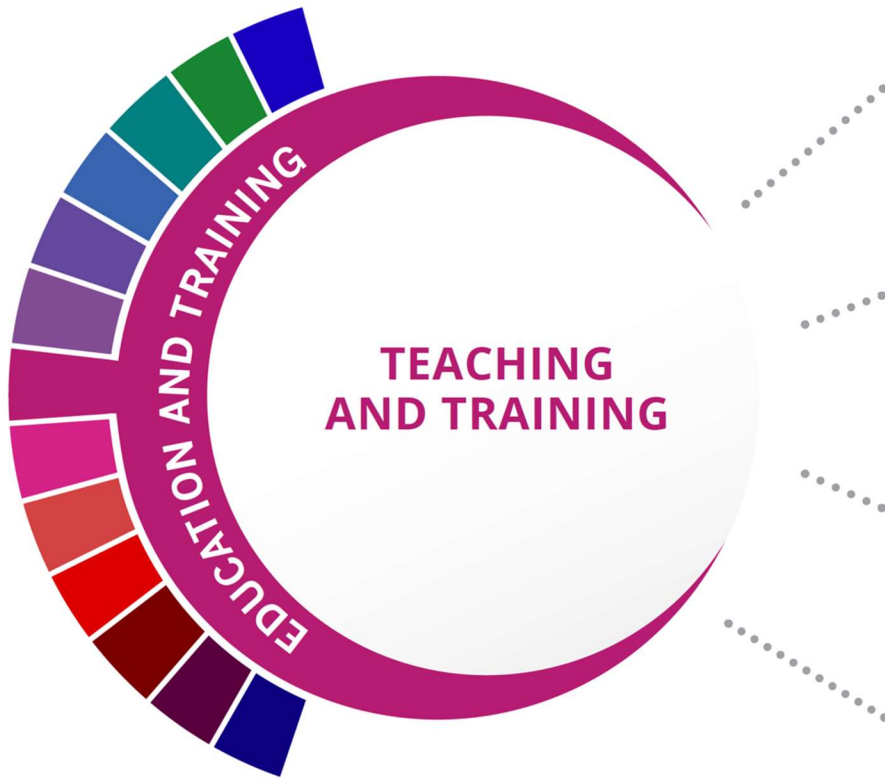


The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services. All parts of courses are designed to introduce learners to the various careers available within the Education and Training career cluster.

Successful completion of the Early Learning program of study will fulfill requirements of the Public Service endorsement.

Revised - July 2020





- Level 1**
 - Principles of Education and Training
 - Principles of Human Services

- Level 2**
 - Human Growth and Development (DC)
 - Child Development (DC)

- Level 3**
 - Instructional Practices

- Level 4**
 - Practicum in Education and Training (DC)
 - Project Based Research
 - Career Preparation I (DC)

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

∞ Industry Certification offered at Texas High School.

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

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

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



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

Successful completion of the Teaching and Training program of study will fulfill requirements of the Public Service Endorsement. Revised - July 2020





- Level 1**
-Lifetime Nutrition and Wellness

- Level 2**
-Anatomy and Physiology

- Level 3**
-Practicum in Entrepreneurship
-Project Based Research
-Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
∞ Certified Personal Trainer	Physical Therapist Assistant	Kinesiology and Exercise Science	Kinesiology and Exercise Science	Exercise Physiology
	Physical Therapy Aides	Therapeutic Recreation/Recreational Therapy	Therapeutic Recreation/Recreational Therapy	Therapeutic Recreation/Recreational Therapy
	Dietetic Technician	Athletic Training/Trainer	Athletic Training/Trainer	Athletic Training/Trainer
			Dietitians and Nutritionists	Physical Therapist

∞ Industry Certification offered at Texas High School.

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Health Occupation Students of America (HOSA)	Volunteer at a hospital or rehabilitation center; manage a school sports team

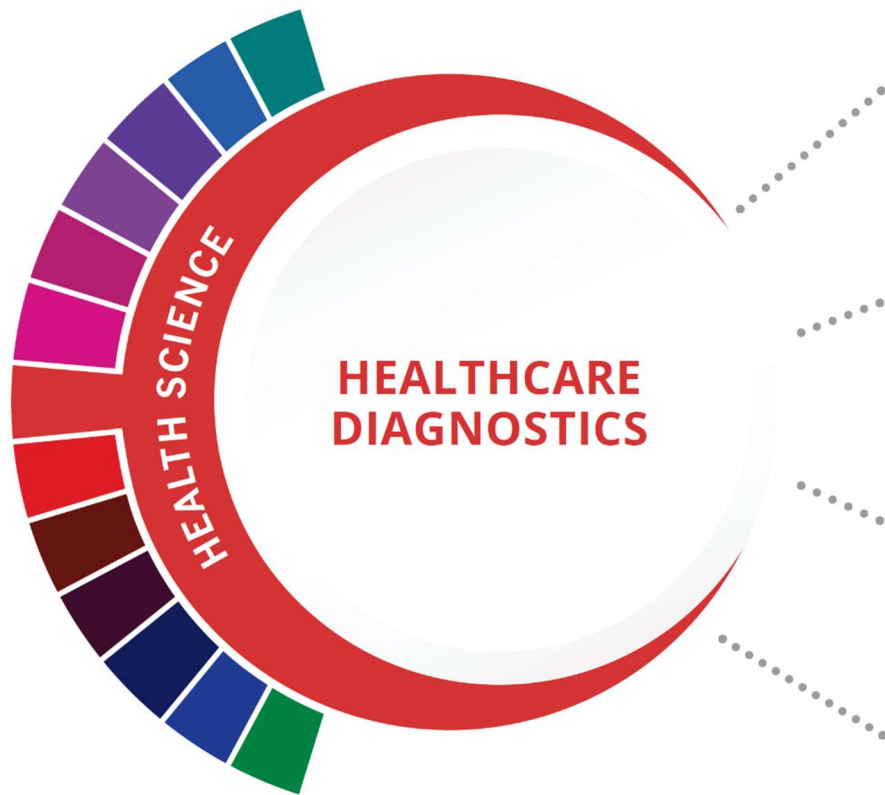
The Exercise Science and Wellness program of study introduces CTE learners to the fields that assist patients with maintaining physical, mental, and emotional health. Students will research diet and exercise needed to maintain a healthy, balanced lifestyle and learn about and practice techniques to help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



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

Successful completion of the Exercise Science and Wellness program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





Level 1
 -Principles of Health Science
 -Introduction to Imaging Technology

-Medical Terminology

Level 2

-Health Science Theory

Level 3

-Anatomy and Physiology
 -Practicum in Health Science (DC)

Level 4

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Limited Licensed Radiology Technologist	Medical Sonographer	Nuclear Medical Technology/Technologist	Nuclear Medical Technology/Technologist	Radiologist
∞ EKG/ECG Technician	Radiologic Technologist	Magnetic Resonance Imaging (MRI) Technology/Technician	Medical Radiologic Technology/Science - Radiation Therapist	Radiologic Technologist/Science - Radiographer
Medical Laboratory Technician				
∞ Phlebotomy Technician				


∞ Industry Certification offered at Texas High School.

Occupations	Median Wage	Annual Openings	% Growth
Diagnostic Medical Sonographers	\$69,909	495	35%
Phlebotomists	\$30,597	1442	36%
Nuclear Medicine Technologists	\$75,962	91	13%
Radiologic Technologists	\$55,494	1196	19%
Magnetic Resonance Imagine Technologists	\$68,661	217	21%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

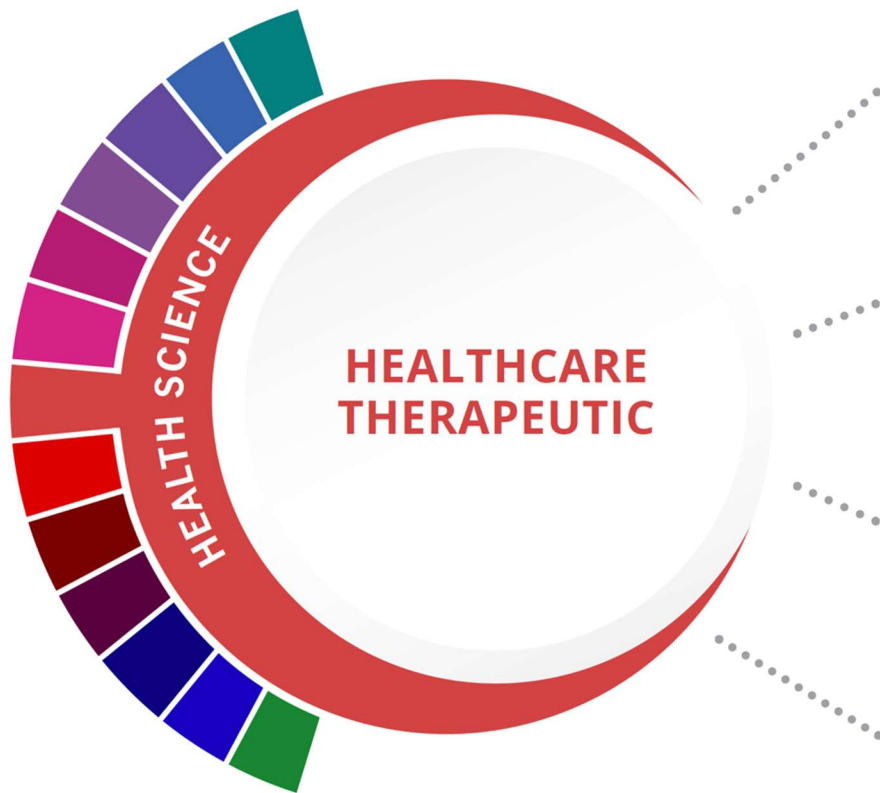
Exploration Activities:	Work Based Learning Activities:
Health Occupation Students of America (HOSA)	Clinical rotations at a community wellness center, hospital, assisted living, nursing home

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

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

Successful completion of the Healthcare Diagnostics program of study will fulfill requirements of the Public Service or STEM Endorsement if the math and science requirements are met. Revised- July 2020





-Principles of Health Science

Level 1

-Medical Terminology

Level 2

-Anatomy and Physiology
-Health Science Theory

Level 3

-Pharmacology (DC)
-Practicum in Health Science (DC)

Level 4

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Registered Dental Assistant	Dental Assistant	Dental Hygienist	Dental Hygienist	Dentist
Certified Patient Care Technician	Surgical Technologist	Medical/Clinical Assistant		Physician Assistant
∞ Certified Nurse Aide/Assistant	Medical Assistant			Family and General Practitioners
∞ Pharmacy Technician	Pharmacy Aides			Pharmacist

∞ Industry Certification offered at Texas High School.

Occupations	Median Wage	Annual Openings	% Growth
Medical Assistants	\$29,598	8,862	30%
Surgical Technologists	\$45,032	1,150	20%
Dental Hygienists	\$73,507	1,353	38%
Physicians and Surgeons	\$213,071	1,151	30%
Dental Assistants	\$34,840	4,422	31%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

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

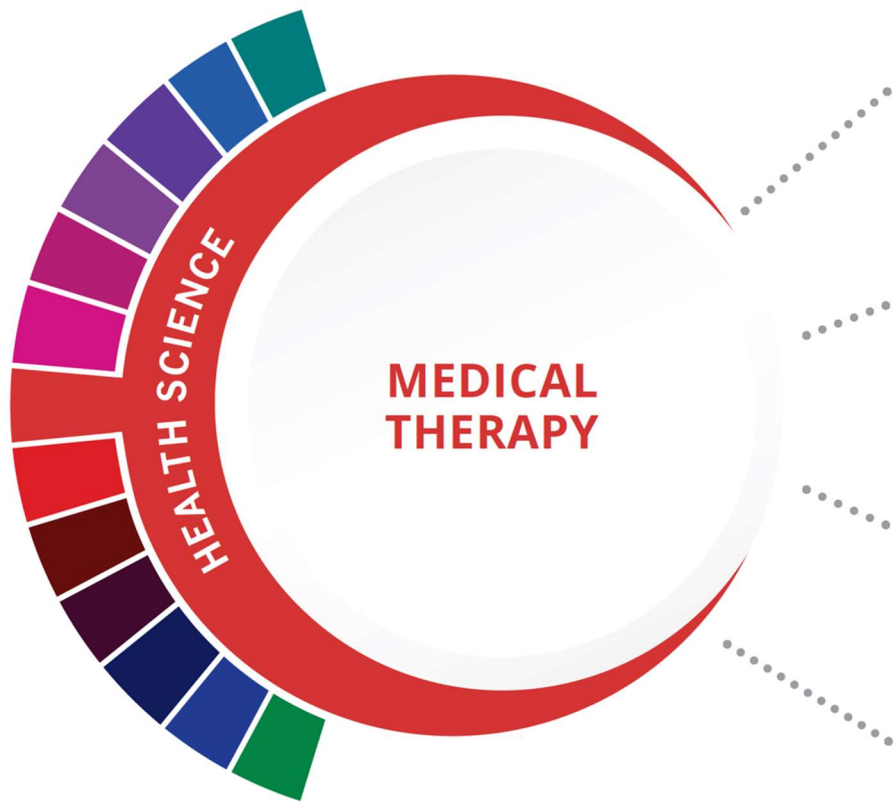
The Healthcare Therapeutic program of study introduces students to occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. This program of study also includes an introduction to the opportunities associated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



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

Successful completion of the Healthcare Therapeutic program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





- Principles of Health Science

- Level 1**

- Medical Terminology

- Level 2**

- Health Science Theory

- Level 3**

- Practicum in Health Science (DC)

- Level 4**

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Certification in Orthopedic Manual Therapy	Certified Respiratory Therapist	Occupational Therapy Assistant	Respiratory Therapists	Occupational Therapists
Limited Licensed Radiology Technologist	Certified Physical Therapy Assistant	Radiation Therapists		Speech Language Pathologist
		Respiratory Therapists		Physical Therapists
		Physical Therapy Assistant		

Occupations	Median Wage	Annual Openings	% Growth
Speech Language Pathologists	\$73,070	1,068	25%
Respiratory Therapists	\$57,429	830	20%
Occupational Therapists	\$92,227	834	34%
Physical Therapy Assistants	\$70,200	1,268	44%
Radiation Therapists	\$70,658	101	23%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Health Occupation Students of America (HOSA)	Lab internship, Job shadow, Clinical rotations

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

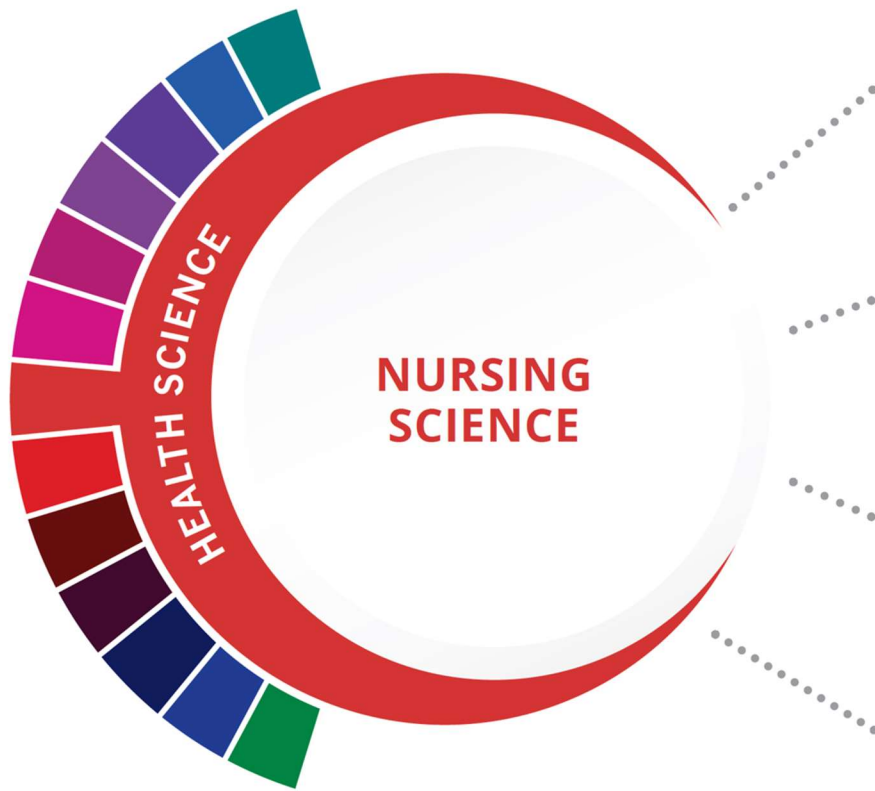
The Medical Therapy program of study focuses on the study of biology and medicine in order to introduce students to the knowledge and skills necessary to be successful in the healthcare field in occupations such as, Respiratory, Occupational, Physical, or Speech Therapy. CTE learners may also practice patient care and communication.



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

Successful completion of the Medical Therapy program of study will fulfill requirements of a Public Service or STEM endorsement if the math and science requirements are met. Revised - July 2020





-Principles of Health Science

Level 1

-Medical Terminology

Level 2

-Anatomy and Physiology

Level 3

-Pharmacology (DC)

Level 4

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

∞ Industry Certification offered at Texas High School.

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

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

The Nursing Science program of study introduces students to the knowledge and skills related to patient care. CTE learners may learn about or practice caring for patients, routine procedures such as monitoring vital signs, development and implementation of care plans, maintenance of medical records, and disease or pain management. Students may focus on the healthcare system and research system designs and make recommended modifications.



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

Successful completion of the Nursing Science program of study will fulfill requirements of a Public Service endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





Level 1
 -Introduction to Culinary Arts
 -Principles of Hospitality and Tourism

-Culinary Arts (DC)

Level 2

-Advanced Culinary Arts (DC)

Level 3

Level 4
 -Food Science
 -Practicum in Culinary Arts (DC)
 -Practicum in Entrepreneurship
 -Career Preparation I (DC)

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

∞ Industry Certification offered at Texas High School.

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

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

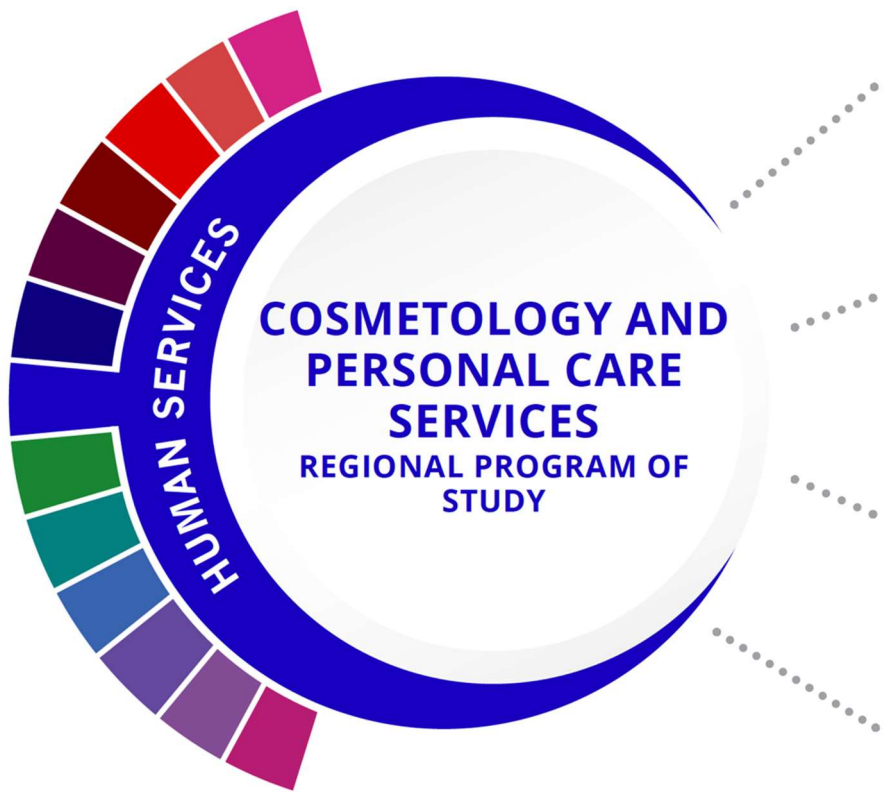
The Culinary Arts program of study introduces CTE learners to occupations and educational opportunities related to the planning, directing, or coordinating activities of a food and beverage organization or department. This program of study also explores opportunities involved in directing and participating in the preparation and cooking of food.



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

Successful completion of the Culinary Arts program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





- Level 1** -Principles of Cosmetology Design and Color Theory (DC)

- Level 2** -Introduction to Cosmetology (DC)

- Level 3** -Cosmetology I/ Lab (DC)

- Level 4** -Cosmetology II/ Lab (DC)

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

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

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

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

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



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

Successful completion of the Cosmetology and Personal Care Services regional program of study will fulfill requirements of the Public Service Endorsement. See the regions approved to offer this program of study at <https://tea.texas.gov/academics/college-career-and-military-prep/career-and-technical-education/regional-programs-of-study>. Revised - July 2020.





Level 1	-Principles of Human Services -Professional Communications -Interpersonal Studies (DC) -Dollars and Sense
Level 2	-Lifetime Nutrition and Wellness -Human Growth and Development (DC) -Child Development (DC)
Level 3	-Family and Community Services
Level 4	-Practicum in Human Services -Practicum in Entrepreneurship -Project-Based Research -Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Community Health Worker	Human Development and Family Studies	Human Development and Family Studies	Human Development and Family Studies	Human Development and Family Studies
Certified Associate in Project Management	Community Health Services/Liaison/Counseling	Human Services/Sciences, General	Human Services/Sciences, General	Marriage and Family Therapy/Counseling
	Distance Credentialed Counselor	Family and Consumer Sciences	Family and Consumer Sciences	Human Services/Sciences
	Educator Certification in Family and Consumer Sciences	Community Health Services	Child and Family Services	Family Studies

Occupations	Median Wage	Annual Openings	% Growth
Child, Family, and School Social Workers	\$41,350	2,221	17%
Social and Community Services Managers	\$65,146	608	33%
Marriage and Family Therapists	\$42,266	217	35%
Social and Human Service Assistants	\$32,448	2,822	25%
Mental Health and Substance Abuse and Behavioral Disorder Counselors	\$42,120	576	39%

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
American Association of Family and Consumer Sciences, Family, Career and Community Leaders of America	Volunteer at a community center; intern for a community non-profit organization

The Family and Community Services program of study introduces students to knowledge and skills related to social services, including child and human development and consumer sciences. CTE learners may learn about or practice managing social and community services or teaching family and consumer sciences. Students may follow career paths in social work or therapy for children, families, or school communities.



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.

Successful completion of the Family and Community Services program of study will fulfill requirements of the Public Service Endorsement. Revised - July 2020





-Principles of Human Services

Level 1

Level 2

- Lifetime Nutrition and Wellness
- Human Growth and Development (DC)
- Interpersonal Studies (DC)

Level 3

Level 4

- Practicum in Human Services
- Practicum in Entrepreneurship
- Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Community Health Worker	Registered Dietitian	Nutrition Sciences	Nutrition Sciences	Nutrition Sciences
Entrepreneurship and Small Business	Counselor, Professional	Community Health Services/Liaison/Counseling	Mental Health Counseling/Counselor	Community Health and Preventative Medicine
	Registered Dietitian Nutritionist	Health and Wellness, General	Nutrition	Nutrition
	Social Worker	Public Health	Human Nutrition and Foods	Exercise and Sports Nutrition

Occupations	Median Wage	Annual Openings	% Growth
Community Health Workers	\$38,064	592	25%
Rehabilitation Counselors	\$43,930	586	23%
Mental Health Counselors	\$41,558	812	38%
Health Care Social Workers	\$55,515	1,583	35%
Dietitians and Nutritionists	\$57,762	428	24%

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
American Association of Family and Consumer Sciences; Family, Career and Community Leaders of America	Job shadow a dietitian or nutritionist; work part-time at a counseling services center, health department or hospital

The Health and Wellness program of study introduces students to knowledge and skills related to promoting physical, emotional, social, and mental health and wellness. Students who choose this program of study may learn how to assist patients in planning for their health and wellness, respond to crises, and advise, provide education or counseling, or make referrals. CTE learners may also focus on addressing barriers to access health and wellness services.



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

Successful completion of the Health and Wellness program of study will fulfill requirements of the Public Service Endorsement. Revised - July 2020





Level 1	-Principles of Information Technology
Level 2	-Computer Maintenance/Lab (DC)
Level 3	
Level 4	-Practicum of Information Technology (DC) -Practicum in Entrepreneurship -Project-Based Research -Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Microsoft Technology Associate Windows Operating System Fundamentals	IBM Certified Specialist - InfoSphere Optim for Distributed Systems Fundamentals	Computer and Information Sciences, General	Computer and Information Sciences, General	Computer and Information Sciences, General
ERSI ArcGIS Desktop Entry	IBM Certified Database Associate - DB2 11 Fundamentals for z/OS	Computer and Information Systems Security/Information Assurance	Computer and Information Systems Security/Information Assurance	Computer Systems Analysis/Analyst
CompTIA A+	HP ASE - ProLiant Server Solutions Integrator V2	Information Technology	Computer Engineering, General	Computer Engineering, General
CompTIA IT Fundamentals +	Oracle Linux 6 Advanced System Administration	Computer Systems Networking and Telecommunications	Computer Systems Networking and Telecommunications	Information Technology

Occupations	Median Wage	Annual Openings	% Growth
Database Administrator	\$83,075	1,063	19%
Computer Hardware Engineer	\$111,738	343	24%
Computer System Analyst and Support	\$87,568	5,937	29%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Join TSA Job shadow a database administrator or computer hardware engineer	Obtain a Certification

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

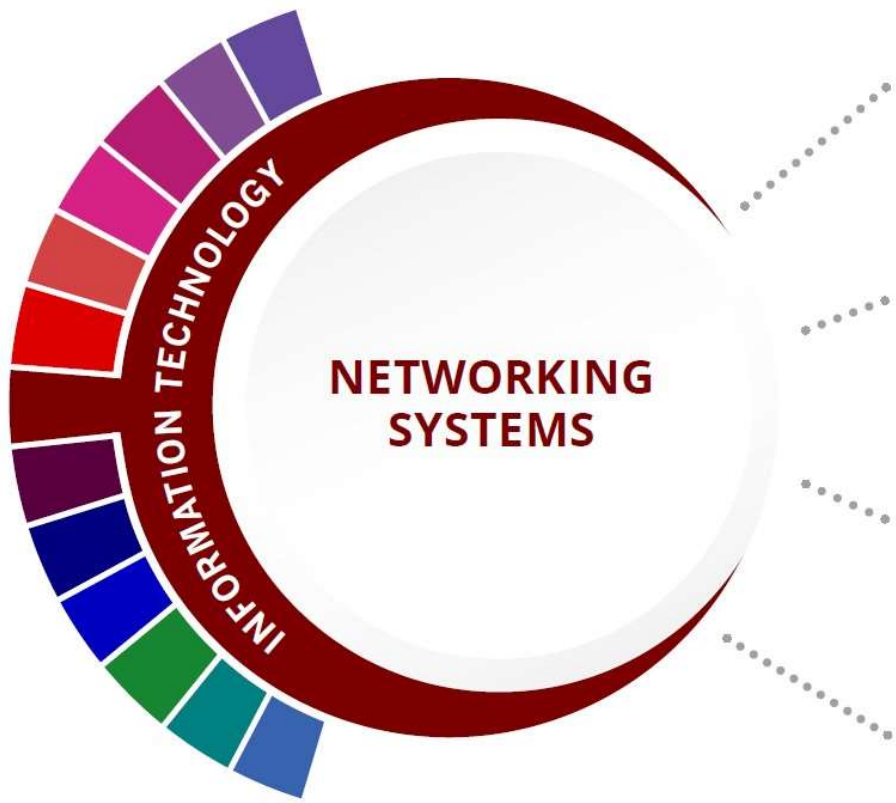
The Information Technology Support and Services program of study explores the occupations and educational opportunities associated with administering, testing, and implementing computer databases and applying knowledge of database management systems. This program of study may also include analyzing user requirements and problems to automate or improve existing systems and review computer system capabilities. This program of study may also include exploration into the research, design, or testing of computer or computer-related equipment for commercial, industrial, military, or scientific use.

 The Information Technology (IT) Career Cluster focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.

Successful completion of the Information Technology Support and Services program of study will fulfill requirements of the Business and Industry endorsement or STEM endorsement if the math and science requirements are met.

Revised - July 2020





- Level 1**
 - Computer Science I (DC)
 - Principles of Information Technology

- Level 2**
 - Internetworking Technologies I (DC)
 - Computer Maintenance/Lab (DC)
 - AP Computer Science Principles

- Level 3**
 - Internetworking Technologies II (DC)

- Level 4**
 - Practicum in Information Technology (DC)
 - Practicum in Entrepreneurship
 - Project Based Research
 - Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Oracle Certified Associate Java SE 8	AEM 6 Business Practitioner	Computer and Information Sciences, General	Computer and Information Sciences, General	Computer and Information Sciences, General
Oracle Certified Database Associate	Intelligence Planner Certification Program	Computer Systems Networking And Telecommunications	Computer Systems Networking And Telecommunications	Information Technology
Cisco Certified Entry Networking Technician (CCENT)	Cisco Certified Entry Networking Technician	Information Technology	Computer and Information Systems Security/Information Assurance	Computer and Information Systems Security/Information Assurance
Associate of (ISC)2	Microsoft Networking Fundamentals	Network and System Administration/Administrator	Computer Engineering, General	Computer Engineering, General

Occupations	Median Wage	Annual Openings	% Growth
Computer Network Architects	\$111,633	1,082	23%
Computer Systems Analysts	\$87,568	5,937	29%
Computer Network Support Specialists	\$68,037	1,824	19%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Join TSA Job shadow a computer network architect or support specialist	Earn an industry-based certification.

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

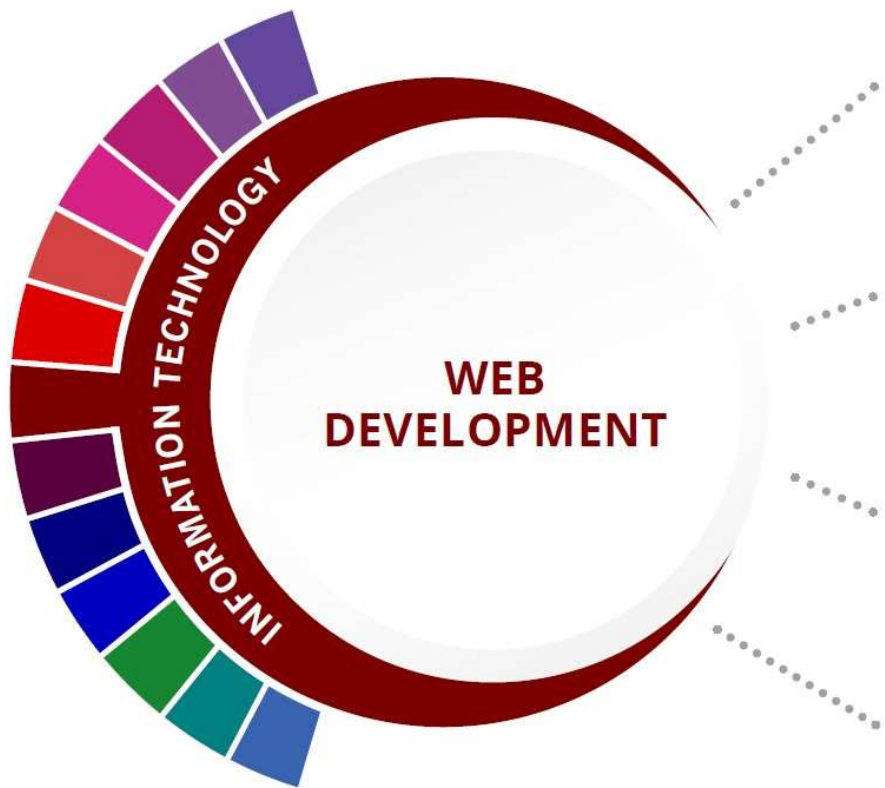
The Networking Systems program of study explores the occupations and educational opportunities associated with designing and implementing computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. This program of study may also include exploration into analyzing science, engineering, and other data processing problems to implement and improve computer systems.



The Information Technology (IT) Career Cluster focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.

Successful completion of the Networking Systems program of study will fulfill requirements of the Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





- Level 1**
-Principles of Information Technology

- Level 2**
-Web Communications
-Computer Science I (DC)

- Level 3**
-Web Design

- Level 4**
-Practicum in Information Technology (DC)
-Practicum in Entrepreneurship
-Project Based Research
-Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE / LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Oracle Certified Associate Java SE 8	AEM 6 Developer	Computer Programming/ Programmer, General	Web/ Multimedia Management and Webmaster	Computational Science
WD Certified Web Design Certification	Certified Webmaster Professional	Computer Science	Computer Science	Computer Science
∞ Microsoft Technology Associate Introduction to Programming Certifications	Adobe Campaign Developer	Web Page, Digital/ Multimedia and Information Resources Design	Web Page, Digital/ Multimedia and Information Resources Design	Information Science/ Studies
	IBM Certified Solution Developer – Open Social	Computer Systems Networking and Tele-communications	Computer Systems Networking and Tele-communications	Computer Systems Networking and Tele-communications

Occupations	Median Wage	Annual Openings	% Growth
Web Developers	\$67,912	1,079	39%
Web Administrators, Computer Occupations	\$85,197	1,616	20%
Software Developers	\$104,499	6,311	30%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

Exploration Activities:	Work Based Learning Activities:
Join TSA Participate in a coding or computer programming club Create a web page	Get an Oracle or CISCO Certification

∞ Industry Certification offered at Texas High School.

The Web Development program of study explores the occupations and educational opportunities associated with designing, creating, and modifying websites. This program of study may also explore integrating websites with other computer applications, and converting written, graphic, audio, and video components to compatible web formats by using software designed to facilitate the creation of web and multimedia content.



The Information Technology (IT) Career Cluster focuses on building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support, and management of hardware, software, multimedia, and systems integration services.

Successful completion of the Web Development program of study will fulfill requirements of the Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised - July 2020





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

- Law Enforcement I
- Level 2**

- Law Enforcement II
-Correctional Services (DC)
- Level 3**

- Forensic Science
- Level 4**

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

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

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Texas Public Service Association; criminal justice clubs	Attend court hearings and other legal procedures

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



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

Successful completion of the Law and Public Service program of study will fulfill requirements of the Public Service Endorsement. Revised - July 2020





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

- Level 2**
 - Court Systems and Practices
 - Business Law

- Level 3**
 - Advanced Legal Skills and Professions

- Level 4**
 - Project-Based Research
 - Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
	Attorney	Legal Assistant/Paralegal	Legal Assistant/Paralegal	Law
	Certified Paralegal			Intellectual Property Law
	Board Certification in Types of Law			Advanced Legal Research/ Studies, General
	Certified Legal Video Specialist			International Law and Legal Studies

Occupations	Median Wage	Annual Openings	% Growth
Lawyers	\$126,131	2,801	19%
Paralegal and Legal Assistants	\$50,544	2,837	19%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Attend court hearings and other legal procedures; Texas Public Service Association	Intern with a local attorney; script and conduct a mock trial

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

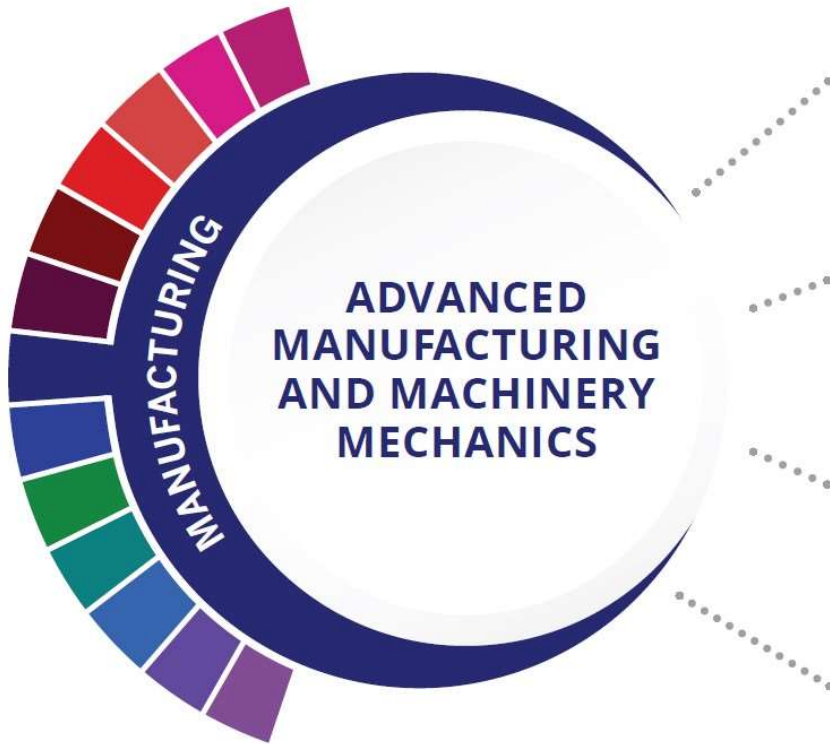
The Legal Studies program of study introduces CTE learners to the occupations and educational opportunities related to representing clients in criminal and civil litigation and other legal proceedings, as well as assisting lawyers and preparing legal documents. This program of study explores possible specializations in a single area of law.



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. Students will examine the roles and responsibilities of police, courts, corrections, private security, and fire and emergency services.

Successful completion of the Legal Studies program of study will fulfill requirements of the Public Service Endorsement. Revised - July 2020





Level 1	-Principles of Applied Engineering
	-Robotics I
Level 2	
	-Engineering Design and Presentation
Level 3	
	-Practicum in Entrepreneurship
Level 4	-Career Preparation I (DC)

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
FANUC Robot Operator 1	Engineer, Professional	Electro-mechanical Engineering/Technology	Electrical Engineering	Electrical Engineering
Mastercam Associate Level Certification	Certified Quality Technician	Certified Quality Technician	Industrial Engineering	Industrial Engineering
NCCER Industrial Maintenance Mechanic	Plant Maintenance Technologist	Industrial Mechanics and Maintenance Technology	Mechanical Engineering	Mechanical Engineering
NIMS Industrial Technology Maintenance - Maintenance Operations				

Occupations	Median Wage	Annual Openings	% Growth
Electro-Mechanical Assemblers	\$30,160	951	9%
Electro-Mechanical Technicians	\$56,555	127	9%
Industrial Machinery Mechanics	\$49,816	3,788	27%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Participate in SkillsUSA and local STEM events	Apprenticeship at a local business or industry American Welding Society

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

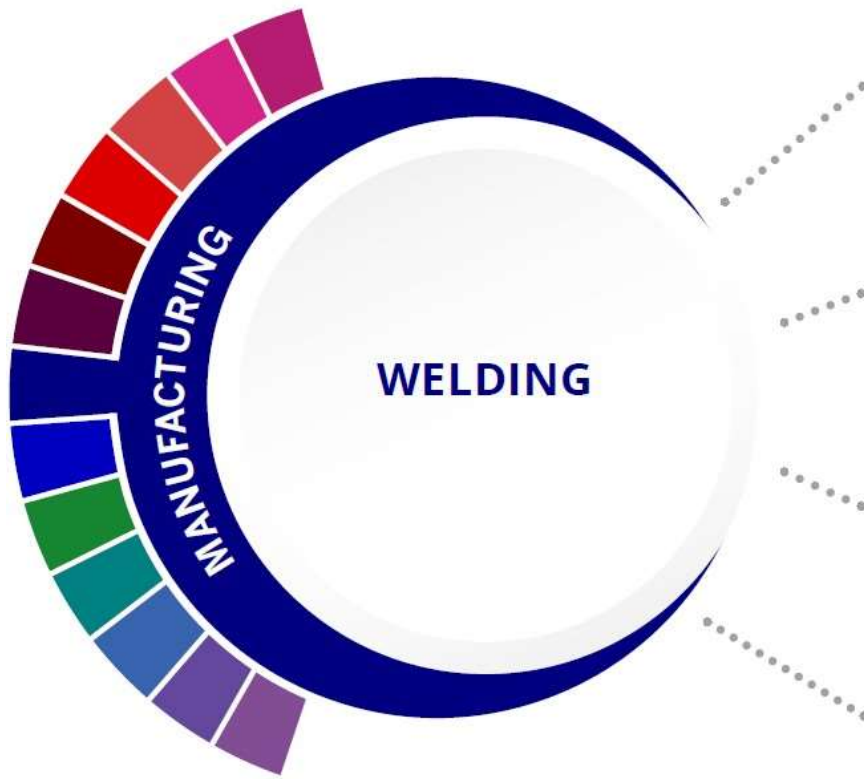
The Advanced Manufacturing and Machinery Mechanics program of study focuses on the assembly, operation, maintenance, and repair of electromechanical equipment or devices. CTE learners may work in a variety of mechanical fields, gaining knowledge and experience in robotics, refinery and pipeline systems, deep ocean exploration, or hazardous waste removal. CTE concentrators may work in a variety of fields of engineering.



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

Successful completion of the Advanced Manufacturing and Machinery program of study will fulfill requirements of the Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020





Level 1

-Welding I (DC)

Level 2

-Welding II/Lab (DC)

Level 3

-Practicum in Entrepreneurship
-Career Preparation I (DC)

Level 4

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

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

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

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

The Welding program of study focuses on the development and use of automatic and computer-controlled machines, tools, and robots that perform work on metal or plastic. CTE learners will learn how to modify parts to make or repair machine tools or maintain individual machines, and how to use hand-welding or flame-cutting equipment.



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

Successful completion of the Manufacturing Technology program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





Level 1	-Principles of Information Technology
Level 2	-Internetworking Technologies I (DC) -Computer Science I (DC) -AP Computer Science Principles -Computer Maintenance/Lab (DC)
Level 3	-Digital Forensics -Internetworking Technologies II (DC) -AP Computer Science A
Level 4	-Practicum in Information Technology (DC) -Practicum in STEM -Project-Based Research

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Oracle Certified Associate Java SE 8	GIAC Reverse Engineering Malware	System Networking, and LAN/WAN Management	Computer Systems Networking and Telecommunications	Computer Systems Analysis/Analyst
Oracle Certified Database Associate	Certified Advanced Windows Forensic Examiner	Information Technology	Computer Systems Networking and Telecommunications	Information Technology
Cisco Certified Entry Networking Technician (CCENT)	SAP Certified Technology Professional System Security Architect	Computer and Information Sciences, General	Computer and Information Sciences, General	Computer and Information Sciences, General
CompTIA A+, Network+, Security+, and IT Fundamentals	Cisco Certified Network Professional Security Certification	Computer Science	Computer Science	Computer Science

Occupations	Median Wage	Annual Openings	% Growth
Information Security Analysts	\$91,915	814	29%
Network and Computer System Administrators	\$82,597	2,814	19%
Computer System Analysts	\$87,568	5,937	29%

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Join TSA Job Shadow a computer system analyst or information security analyst.	Obtain an industry based certification.

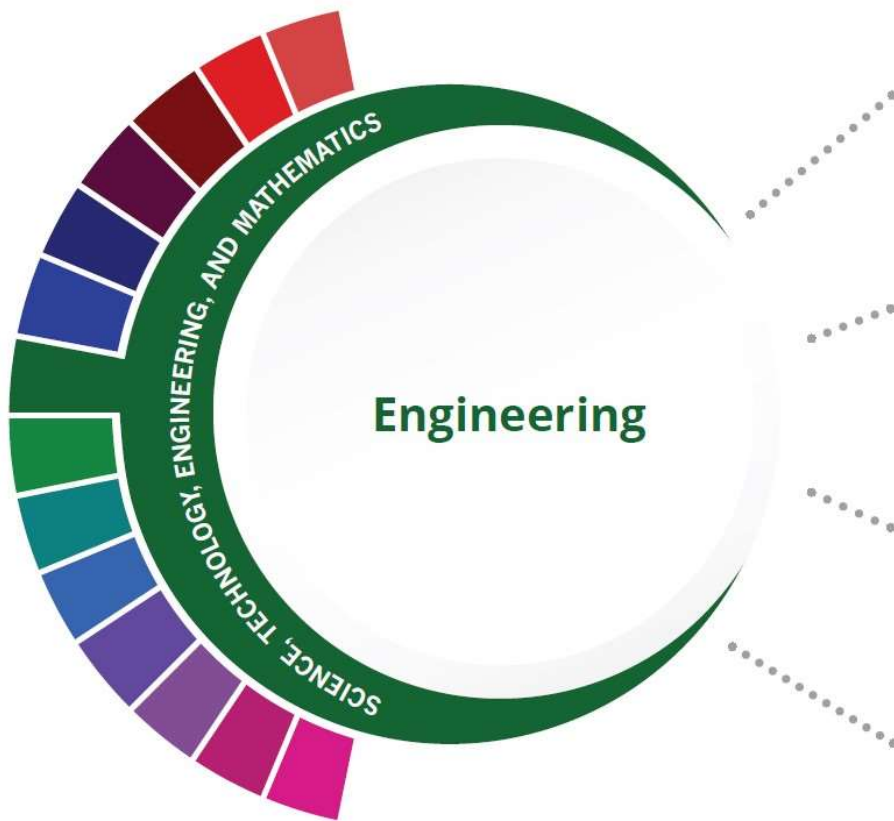
The Cybersecurity program of study includes the occupations and educational opportunities related to planning, implementing, upgrading, or monitoring security measure for the protection of computer networks and information. This program of study may also include exploration into responding to computer security breaches and virus and administering network security measures.



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

Successful completion of the Cybersecurity program of study will fulfill requirements of the Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020





Level 1
-Principles of Applied Engineering

Level 2

Level 3
-Engineering Design and Presentation
-Digital Electronics
-Engineering Science

Level 4
-Engineering Design and Problem Solving
-Practicum in STEM
-Scientific Research and Design (DC)

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

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

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES

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

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

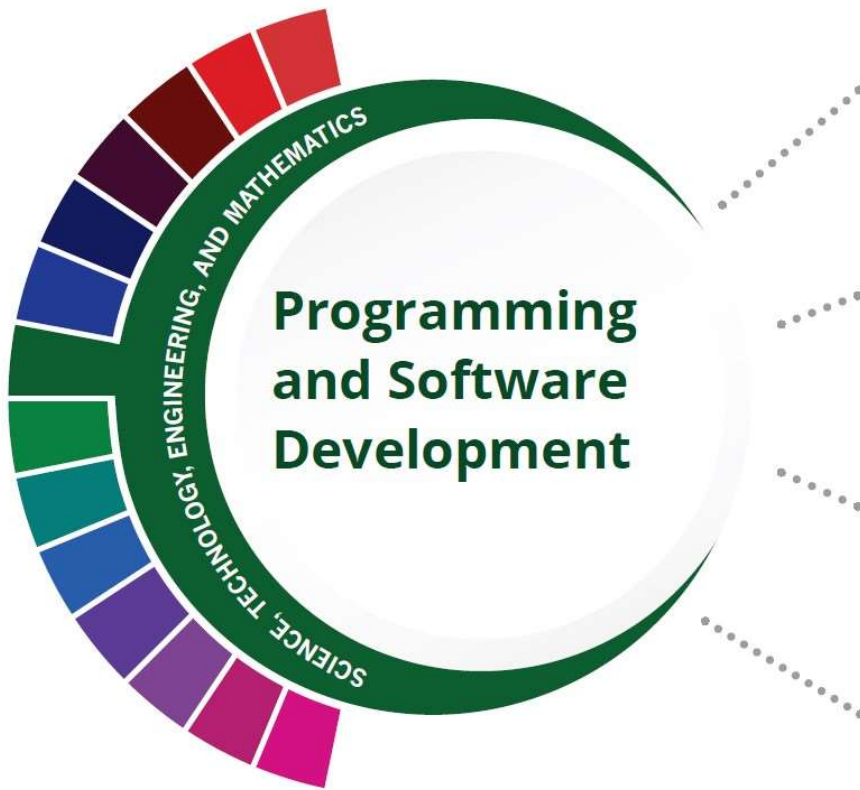
The Engineering program of study focuses on the design, development, and use of engines, machines, and structures. CTE learners will learn how to apply science, mathematical methods, and empirical evidence to the innovation, design, construction, operation, and maintenance of different manufacturing systems.



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

Successful completion of the Engineering program of study will fulfill requirements of the Business and Industry or STEM endorsement if the math and science requirements are met. Revised - July 2020





Level 1

- AP Computer Science Principles
- Computer Science I (DC)

Level 2

- Introduction to C# Programming Applications (DC)
- AP Computer Science A
- Mobile Application Development
- Computer Science II

Level 3

- Computer Science III
- Practicum in Information Technology (DC)
- Practicum in Audio/Video Production (DC)
- Practicum in STEM
- Practicum in Entrepreneurship
- Career Preparation I (DC)

Level 4

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
Oracle Certified Association JAVA SE 8 Programmer	Certified Computing Professional	Computer Programming/ Programmer Genera	Management Information Systems, General	Computer Software Engineer
Oracle Certified Database Associate	Cloud Technology Associate Certification	Computer Software Engineer	Computer Software Engineer	Computer Science
∞ Microsoft Technology Associate, Introduction to Programming Using Python, HTML or CSS	AEM 6 Developer	Computer Science	Computer Science	Information Science/ Studies
Microsoft Technology Associate, Introduction to Programming Using Java or Java Script	Certified Software Analyst	Certified Software Analyst	Information Science/ Studies	

∞ Industry Certification offered at Texas High School.

Occupations	Median Wage	Annual Openings	% Growth
Software Developer, Systems Software	\$103,334	2,985	25%
Software Developers, Applications	\$104,499	6,311	30%
Computer Programmers	\$79,893	1,454	9%

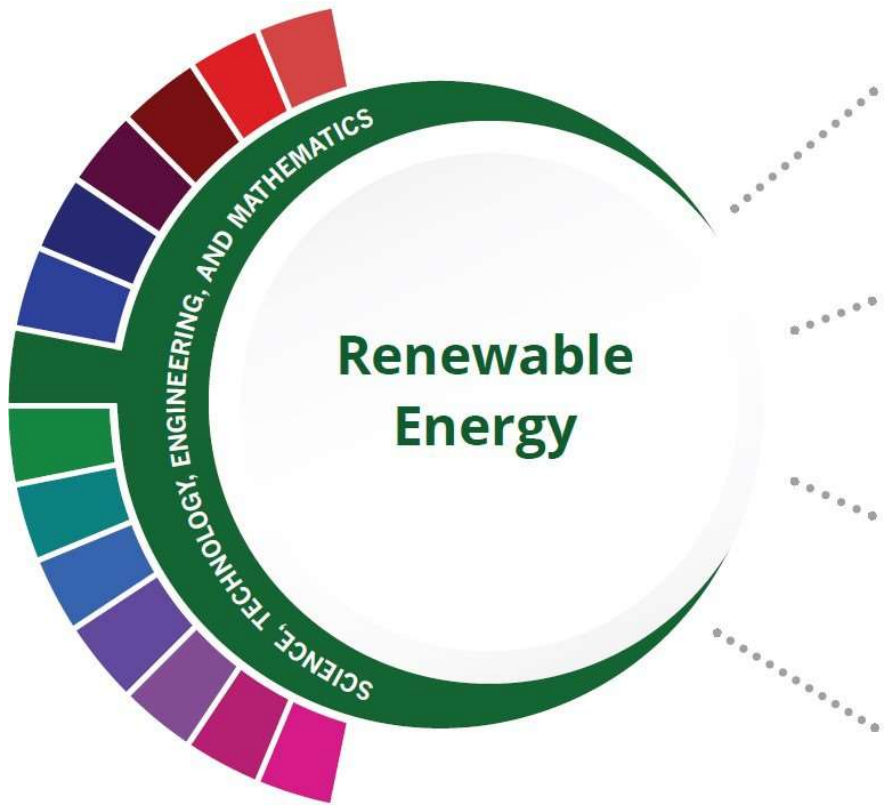
WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Join TSA Participate in coding club at school	Obtain an industry-based certification.

The Programming and Software Development program of study explores the occupations and education opportunities associated with researching, designing, developing, and testing operating systems-level software, compilers, and network distribution software for medical, industrial, military, communications, aerospace, business, scientific, and general computer applications. This program of study may also include exploration into creating, modifying, and testing the codes, forms, and script that allow computer applications to run.

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

Successful completion of the Programming and Software Development program of study will fulfill requirements of the Business and Industry and STEM endorsement if the math and science requirements are met. Revised - July 2020





- Principles of Applied Engineering

- Level 1**

- AC/DC Electronics (DC)

- Level 2**

- Solid State Electronics (DC)
-Scientific Research and Design (DC)

- Level 3**

- Digital Electronics
-Engineering Design and Problem Solving
-Project-Based Research
-Applied Mathematics for Technical Professionals (DC)
-Practicum in STEM

HIGH SCHOOL/INDUSTRY CERTIFICATION	CERTIFICATE/LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/DOCTORAL PROFESSIONAL DEGREE
	Photovoltaic Installer-Level I Professional	Industrial Mechanics and Maintenance Technology	Surveying Engineering	Surveying Engineering
	Solar Photovoltaic Certification	Solar Energy/Technology	Systems Engineering	Systems Engineering
	Small Wind Installer-Level I	Engineering, Mechanics	Engineering, Mechanics	Manufacturing Engineering
		Engineering, General	Engineering, General	Engineering, General

*Includes Level I and Level II Certificates

Occupations	Median Wage	Annual Openings	% Growth
Wind Turbine Services Technician	\$51,334	387	108%
Solar Photovoltaic Installer	\$43,957	47	81%

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES	
Exploration Activities:	Work Based Learning Activities:
Skills USA Science Club	Research four renewable energy companies and compare them.

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

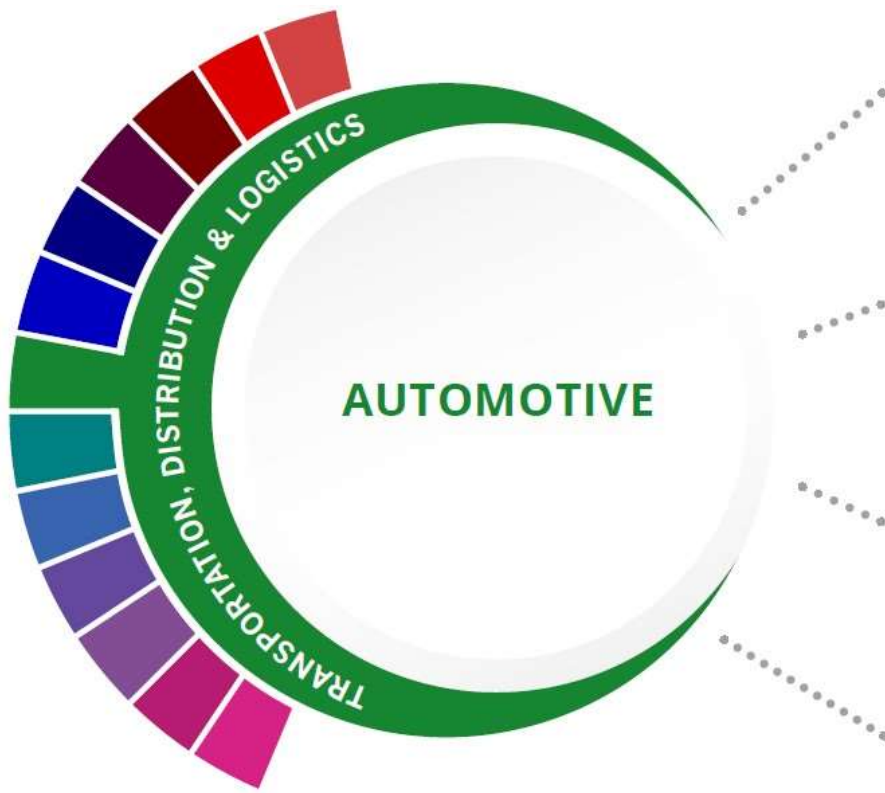
The Renewable Energy program of study helps CTE learners discover to assemble, inspect, maintain, and repair different equipment required for renewable energy. It introduces students to solar photovoltaic equipment and wind turbines, the systems and processes used to maintain and manage these types of equipment, and helps students develop the skills needed to do so.



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

Successful completion of the Renewable Energy program of study will fulfill requirements of the Business and Industry or STEM endorsement if the Math and Science requirements are met. Revised - July 2020





- Level 1**
 - Principles of Transportation Systems
 - Small Engine Technology I

- Level 2**
 - Collision Repair/Lab (DC)

- Level 3**
 - Automotive Technology I (DC)
 - Energy and Power of Transportation Systems
 - Paint and Refinishing/Lab (DC)

- Level 4**
 - Automotive Technology II/Lab (DC)
 - Practicum in Transportation Systems
 - Practicum in Entrepreneurship
 - Career Preparation I (DC)

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

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

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

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

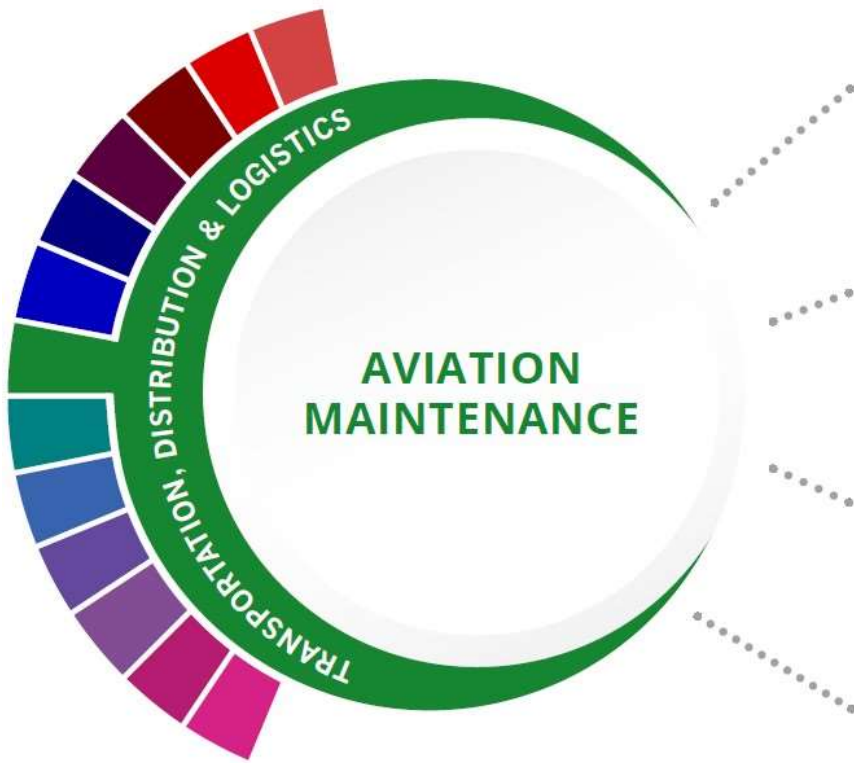
The Automotive program of study teaches CTE learners how to repair and refinish automobiles and service various types of vehicles. CTE learners may learn to collect payment for services or supplies and perform typical vehicle maintenance procedures such as lubrication, oil changes, installation of antifreeze, or replacement of accessories like wiper blades or tires.



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

Successful completion of the Automotive program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020





Level 1

Level 2

-Aircraft Airframe
Technology/Lab

Level 3

-Aircraft Powerplant
Technology/Lab
-Practicum in Transportation
Systems
-Career Preparation I (DC)

Level 4

HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE
Aerospace Manufacturing Certification	Avionics Electronics Technician	Avionics Maintenance Technology/ Technician	Airframe Mechanics and Aircraft Maintenance Technology/ Technician	
	Aircraft Electronics Technician	Aircraft Powerplant Technology/ Technician		
	Aerospace/ Aircraft Assembly Maintenance Certification	Airframe Mechanics and Aircraft Maintenance Technology/ Technician		

Occupations	Median Wage	Annual Openings	% Growth
Aircraft Mechanics and Technicians	\$58,698	1,469	9%
Avionics Technicians	\$59,114	170	9%

**WORK BASED LEARNING AND EXPANDED
LEARNING OPPORTUNITIES**

Exploration Activities:	Work Based Learning Activities:
Participate in SkillsUSA Explore virtual aviation websites	Seek part-time work at an airport, aviation services agency, or airline

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

The Aviation Maintenance program of study introduces students to the occupations and education opportunities related to inspecting aircraft, maintenance procedures, air navigational aids, air traffic controls, and communications equipment to ensure conformance with federal safety regulations.



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

Successful completion of the Aviation Maintenance program of study will fulfill requirements of the Business and Industry Endorsement. Revised - July 2020



Industry-Based Certifications by Career Cluster



- A. Agriculture, Food, & Natural Resources**
- OSHA 30 Hour General Industry Commercial / Noncommercial Pesticide Applicator
 - Texas State Floral Association Floral Skills Knowledge Based Certification
 - Texas State Floral Association Level One Floral Certification
 - Texas State Floral Association Level Two Floral Certification
 - Certified Veterinarian Assistant, Level 1



- B. Architecture & Construction**
- NCCER Core Curriculum
 - NCCER Carpentry, Level 1



- C. Arts, Audio Visual Technology, & Communications**
- Adobe Certified Associate (ACA) Illustrator (Graphic Design & Illustration)
 - Adobe Certified Associate (ACA) InDesign (Print & Media Publication)
 - Adobe Certified Associate (ACA) Premiere Pro (Digital Video)
 - Adobe Certified Associate (ACA) Visual Design Specialist – 3 exams: Illustrator, InDesign, Photoshop
 - Apple Final Cut Pro X



- D. Business, Marketing & Finance**
- Google Analytics Individual Qualification (GAIQ)
 - Microsoft Office Specialist Word
 - Microsoft Office Specialist Excel



- E. Education & Training**
- Educational Aide 1
 - Child Development Associate (CDA)



- F. Health Science**
- First Aide, CPR, AED*
 - Phlebotomy Technician
 - Certified EKG/ECG Technician
 - Certified Nurse Aide/Assistant (CNA)
 - Certified Pharmacy Technician
 - Certified Personal Trainer



- G. Hospitality & Tourism**
- ServSafe Food Handler*
 - ServSafe Manager



- H. Information Technology**
- Microsoft Technology Associate (MTA) HTML5 Application Development Fundamentals
 - Microsoft Technology Associate (MTA) Introduction to Programming Using HTML & CSS
 - Microsoft Technology Associate (MTA) Introduction to Programming Using Python
 - Unity Certified Programmer



- I. Transportation, Distribution, & Logistics**
- Fork Lift Operator*
 - ASE Entry Level Brakes
 - ASE Entry-Level Maintenance & Light Repair

*Not on TEA's IBC list, no 1-pager

OSHA 30 Hour General Industry

INDUSTRY-BASED CERTIFICATION DESCRIPTION

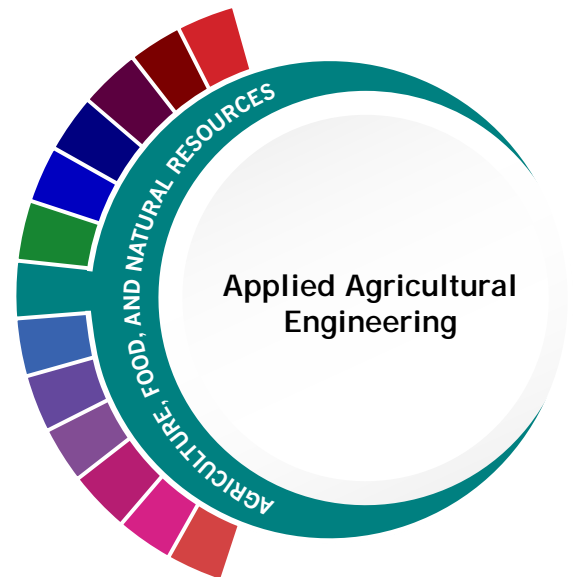
The OSHA Outreach Training Program provides workers with basic and more advanced training about common safety and health hazards on the job. Students receive an OSHA 30-hour course completion card at the end of the training.



Students can complete the 30-hour course online or through an OSHA authorized outreach trainer. Trainers are authorized to deliver outreach training classes. If a teacher is interested in becoming an authorized trainer, the OSHA Training Institute Education Centers will have additional information. Train the trainer information can be found at the following link:

https://www.osha.gov/dte/edcenters/current_list.html. Region 6 includes the state of Texas.

The following organizations are the current OSHA-authorized online Outreach Training Program providers. OSHA cannot validate training offered by vendors other than those listed below.

Districts should choose the training provider who is best aligned with their regional employers.



CERTIFYING ENTITIES	ADDITIONAL INFORMATION	
<p>OSHA</p> <p>Exam Provider: 360 Training</p> <p>877-881-2235</p> <p> https://www.360training.com/environmental-health-safety/osha-training/osha-10-30-hour-training/30hour-general-industry-outreach</p>	<p>Exam Name: OSHA 30 Hour General Industry</p> <p>Exam Website: https://www.360training.com/environmental-health-safety/osha-training/osha-10-30-hour-training/osha-30hr-general-industry</p> <p>Number of Questions: N/A</p> <p>Question Type: Multiple Choice/Scenario</p> <p>Exam Time: not listed</p>	<p>Exam Site: Online exam</p> <p>Exam Price:\$189 exam, \$20 Wallet Card</p> <p>Candidate Requirements: 30 hours of training required- see website for additional information</p> <p>Study Materials & Resources: Free Study Guide available with purchase of exam package</p>
<p>OSHA</p> <p>Exam Provider: Summit Training</p> <p>833-438-8742</p> <p> https://summit.hsi.com/</p>	<p>Exam Name: OSHA 30 Hour General Industry</p> <p>Exam Website:https://summit.hsi.com/osha1030?hsCtaTracking=1ae37df9-69dd-4579-8a83-ba4f3656283e%7C3fad7226-3171-4970-a706-7db5847e25c3</p> <p>Number of Questions: N/A</p> <p>Question Type: Multiple Choice/Scenario</p> <p>Exam Time: not listed</p>	<p>Exam Site:Online exam</p> <p>Exam Price:\$160 exam (Group discounts available)</p> <p>Candidate Requirements: 30 hours of training required- see website for additional information</p> <p>Study Materials & Resources:Free Study Guide available with purchase of exam package</p>

Commercial/Noncommercial Pesticide Applicator

INDUSTRY-BASED CERTIFICATION DESCRIPTION

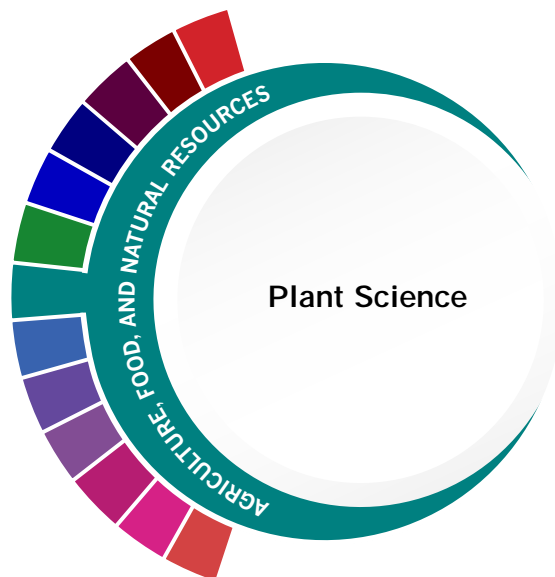
A student who obtains the Commercial/Noncommercial Pesticide Applicator license could work in a variety of occupations.

Work Activities could include preparing chemicals for work application, treating greenery or surfaces with protective substances, and inspecting landscaping to determine treatment needs.

In addition, pesticide applicators could be asked to operate grounds maintenance equipment, maintain equipment or systems to ensure proper functioning and plant greenery to improve landscape appearance.

It is important to note that an application for either the Commercial or Noncommercial Pesticide Applicator must be turned in and approved before an exam will be scheduled.

For additional information, please visit the following link:
<https://www.texasagriculture.gov/Portals/0/Publications/PEST/com%20noncom%20applicator%20convenience%20testing%20flyer.pdf>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Texas Department of Agriculture</p> <p>800-835-5832</p> <p>https://www.texasagriculture.gov/RegulatoryPrograms/Pesticides/PesticideCommercialNoncommercialApplicatorLice.aspx</p>	<p>Exam Name: General Standards exam and 1 of the category exams</p> <p>Exam Website: https://candidate.psiexams.com/bulletin/display_bulletin.jsp?ro=yes&actionname=83&bulletinid=667&bulletinurl=.pdf</p> <p>Number of Questions: General Standards (100 questions), number of questions on category exams vary</p> <p>Questions Type: Multiple choice</p> <p>Exam Time: General Standards (2 hours), time varies for category exams</p>	<p>Exam Site: PSI testing center</p> <p>Exam Price: \$64 per exam</p> <p>Candidate Requirements: **Complete step-by-step instructions: https://www.texasagriculture.gov/Portals/0/Publications/PEST/com%20noncom%20applicator%20convenience%20testing%20flyer.pdf</p> <p>Study Materials & Resources: http://www-aes.tamu.edu/</p>

Texas State Floral Association Floral Skills Knowledge Based Certification

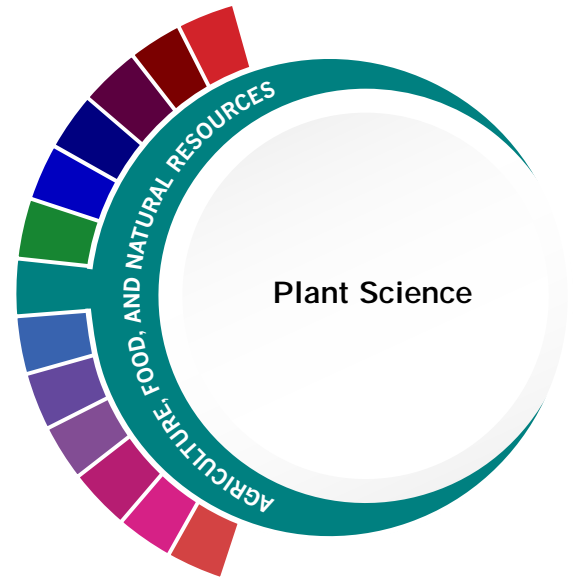
INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Texas State Floral Association Level One Floral Certification exam measures the following competencies such as industry-specific vocabulary, plant identification and the scientific and common names of plants.

Testers should make sure that they understand the knowledge in this study guide and should be able to apply that knowledge to different scenarios in the floral industry.

At a later date, if a student would like to pursue the Texas State Floral Association's Level 1 floral certification, the Knowledge Based exam results will fulfill the exam requirement.

For additional information, please visit the following link:
<https://www.tsfa.org/floraldesigncertification>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Texas State Florists' Association</p> <p>512-528-0806</p> <p>https://www.tsfa.org/</p>	<p>Exam Name: Knowledge Based Floral Certification - Online</p> <p>Exam Website: https://www.tsfa.org/highschoolfloral</p> <p>Number of Questions: 100 questions</p> <p>Questions Type: Multiple Choice, T/F Matching and Identification questions</p> <p>Exam Time: 1 hour</p>	<p>Exam Site: Campus based online proctored exam</p> <p>Exam Price: \$30</p> <p>Candidate Requirements: One semester of a Floral Design course and hands on training</p> <p>Study Materials & Resources: https://www.tsfa.org/objects/Level_1_Knowledge_Based_Study_Guide.pdf</p>

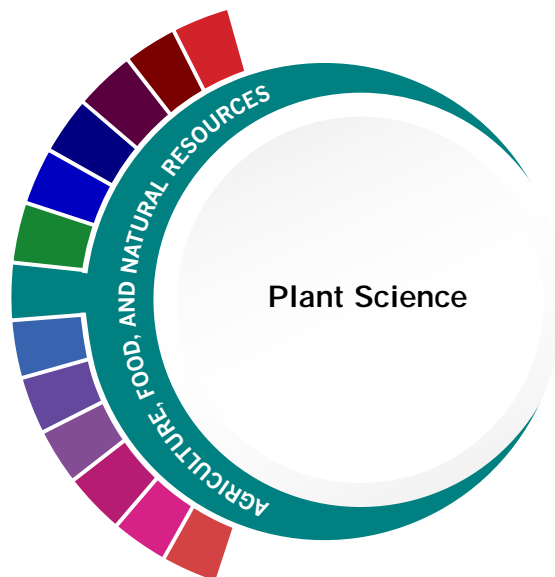
Texas State Floral Association Level One Floral Certification

INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Texas State Floral Association Level One Floral Certification exam includes competencies such as understanding industry-specific vocabulary, plant identification, and common and scientific names of plants. In addition to the written exam, testers will be asked to complete a nine carnation triangle hands on design and a rose boutonniere hands on design.

The following principles and elements of floral design should be considered as a tester designs the hands on projects for the certification; Balance, Mechanics, Proportion/Scale, Depth/Rhythm, Focal Point, Dominance, Skeleton, Foliage, Unity, Form and Line.

For additional information, please visit the following link:
<https://www.tsfa.org/floraldesigncertification>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Texas State Florists' Association</p> <p>512-528-0807</p> <p>https://www.tsfa.org/floraldesigncertification</p>	<p>Exam Name: Level One Floral Design Certification</p> <p>Exam Website: TSFA Level 1 exam website</p> <p>Number of Questions: 100 questions and two hands on designs</p> <p>Questions Type: Exam has multiple choice, T/F, matching, and identification, and two hands on designs</p> <p>Exam Time: One hour for each section (Written exam and hands on)</p>	<p>Exam Site: various designated testing sites across Texas</p> <p>Exam Price: \$100</p> <p>Candidate Requirements: semester of a Floral Design course and hands on training</p> <p>Study Materials & Resources: Downloadable study guide and rubric available at the the following link: https://www.tsfa.org/objects/Level_1_Knowledge_Based_Study_Guide.pdf</p>

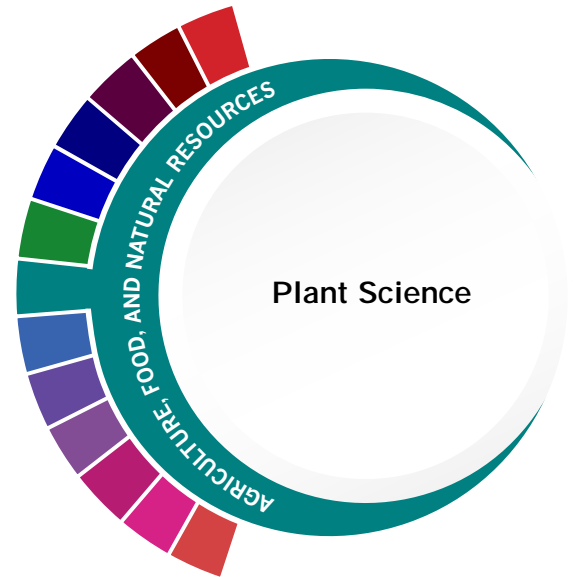
Texas State Floral Association Level Two Floral Certification



INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Texas State Floral Association Level Two Floral Certification includes competencies such as understanding industry-specific vocabulary, plant identification, and common and scientific names of plants. In addition to the Level 1 certification, students will be asked to complete a portfolio which includes an asymmetrical arrangement, vase arrangement, bow making/dress a plant, a wired & taped corsage, a stylized permanent botanical, volunteer/sharking of floral skill at two events, and any other designs the student would like to share.

The following principles and elements of floral design should be considered as a tester designs the hands on projects for the certification; Balance, Mechanics, Proportion/Scale, Depth/Rhythm, Focal Point, \Dominance, Skeleton, Foliage, Unity, Form and Line.

For additional information, please visit the following link:
<https://www.tsfa.org/level2>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Texas State Florists' Association</p> <p> 512-834-0361</p> <p> https://www.tsfa.org/highschoolfloral</p>	<p>Exam Name: Level Two Floral Design Certification</p> <p>Exam Website: https://www.tsfa.org/level2</p> <p>Number of Questions: There are 3 required hands on designs</p> <p>Questions Type: hands on designs and portfolio completion prior to testing date</p> <p>Exam Time: 1 hour and 30 minutes</p>	<p>Exam Site: various designated testing sites across Texas</p> <p>Exam Price: \$100</p> <p>Candidate Requirements: "Level One Certification, Portfolio Submission including 2 Volunteering Events, and 3 hands on designs</p> <p>Study Materials & Resources: Downloadable study guides, portfolio guidelines and rubric available at the following link: https://www.tsfa.org/level2</p>

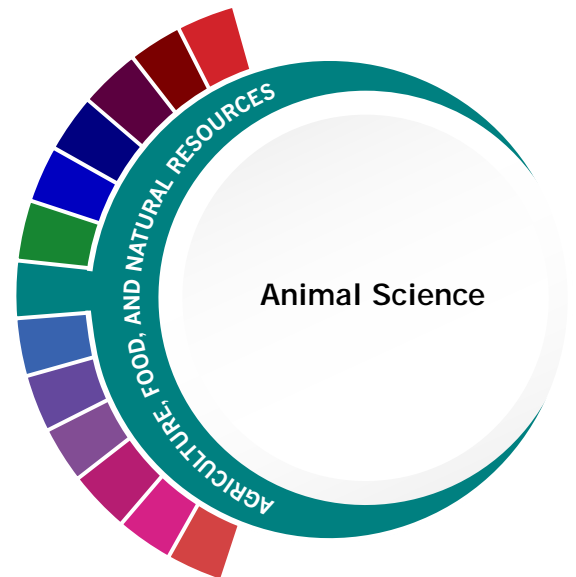
Certified Veterinarian Assistant Level 1



INDUSTRY-BASED CERTIFICATION DESCRIPTION

TVMA offers a simple cost effective option for certification. The TVMA Veterinary Assistant Training Program is standardized and documents the basic skills and competencies required for animal care and assistance. The program will educate veterinary assistants in the essential skills and knowledge needed to become effective contributors to the veterinary medical care team. The best thing about this program is it can be completed either in a clinic or a TVMA approved educational program.

It is important to note that a school based training program must meet the minimum standards set by the TVMA in order to have students pursue the CVA Level 1 certification.

Minimum standards for a school based training program can be found in the Policies and Guidelines Manual at the following link:
https://tvma.azurewebsites.net/Portals/0/Images/CVA%20Policies%20_%20Guidelines.pdf.



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Texas Veterinary Medical Association</p> <p></p> <p>512-452-4224</p> <p></p> <p>https://tvma.azurewebsites.net/certifications/cva</p>	<p>Exam Name: Certified Veterinary Assistant Level 1</p> <p>Exam Website: https://tvma.azurewebsites.net/Portals/0/Images/CVA%20Policies%20_%20Guidelines.pdf</p> <p>Number of Questions: 100 questions</p> <p>Questions Type: Multiple choice questions</p> <p>Exam Time: not listed</p>	<p>Exam Site: Campus based testing for exam, skills validation testing/checklist to be completed by supervising veterinarian</p> <p>Exam Price: \$135</p> <p>Candidate Requirements: -500 hours work experience -master all level 1 material -obtain hands-on skills needed for exam and skills validation checklist -complete exam application and get skills validation checklist completed and approved by a DVM or LVT - certification exam results at or above 70%</p> <p>Study Materials & Resources: See the Level 1 High School Application and Checklist at the following link: https://tvma.azurewebsites.net/Certifications/CVA</p>

NCCER Core

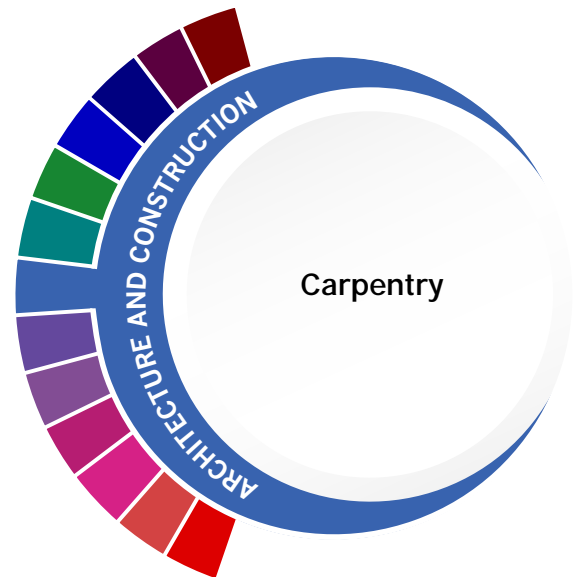
INDUSTRY-BASED CERTIFICATION DESCRIPTION

The NCCER Core is a prerequisite to all other Level 1 craft curriculum. The learning objectives and performance tasks cover topics such as Basic Safety, Communication Skills and Introduction to Construction Drawings.

Completing these modules gives the trainee the basic skills needed to continue education in any craft area he or she chooses.

Schools who are interested in starting the NCCER program should start with the Accreditation pathway found under the Get Involved tab at the NCCER website.

For additional information, please visit the following link:
<https://www.nccer.org/workforce-development-programs/disciplines/craft-details/core-curriculum>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>National Center for Construction Education and Research (NCCER)</p> <p>800-720-3870, ext. 5 Pearson</p> <p>www.nccer.org</p>	<p>Exam Information: 8 written & performance exams</p> <p>Exam Webpage: https://www.nccer.org/docs/default-source/course-planning-tools/core_5e_course_planning.pdf?sfvrsn=403e0d4f_2</p> <p>Number of Questions: Range of 10-40 questions</p> <p>Question Type: 4-part Multiple Choice</p> <p>Exam Time: 1 hour with the ability to add time</p>	<p>Exam Site: Testing site will be online or written with proctor at campus https://www.nccer.org/myncceer/secure/dashboard/testing</p> <p>Exam Price: \$3 per written test if using online testing/free if using static paper written test/No charge for performance testing</p> <p>Candidate Requirements: Completion of learning objectives and performance tasks</p> <p>Study Materials & Resources: https://www.nccer.org/workforce-development-programs/disciplines/craft-details/core-curriculum</p>

NCCER Carpentry Level 1

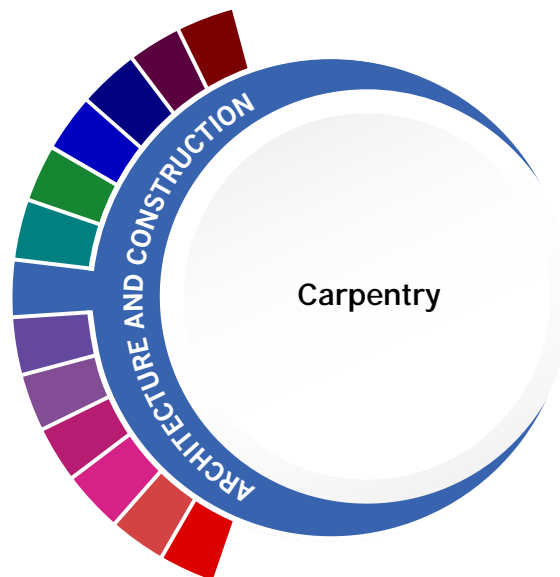
INDUSTRY-BASED CERTIFICATION DESCRIPTION

Carpenters are involved in many different kinds of construction activities, from building highways and bridges to installing kitchen cabinets. Carpenters construct, erect, install, and repair structures and fixtures made from wood and other materials.

In addition, they are responsible for measuring materials or objects for installation or assembly and then assembling products or production equipment.

Schools who are interested in starting the NCCER program should start with the Accreditation pathway found under the Get Involved tab at the NCCER website.

For additional information, please visit the following link:
<https://www.nccer.org/workforce-development-programs/disciplines/craft-details/carpentry>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>National Center for Construction Education and Research (NCCER)</p> <p>800-720-3870, ext. 5 Pearson</p> <p>www.nccer.org</p>	<p>Exam Information: 18 written & performance exams</p> <p>Exam Webpage: https://www.nccer.org/docs/default-source/Course-Planning-Tools/carpentry_1_2013_cep.pdf?sfvrsn=f438324f_2</p> <p>Number of Questions: Range of 10-40 questions</p> <p>Question Type: 4-part Multiple Choice</p> <p>Exam Time: 1 hour with the ability to add time</p>	<p>Exam Site: Testing site will be online or written with proctor at campus</p> <p>Exam Price: \$3 per written test if using online testing/free if using static paper written test No charge for performance testing</p> <p>Candidate Requirements: Students need to complete the core certification prior to completing any additional NCCER certifications</p> <p>Study Materials & Resources: https://www.nccer.org/workforce-development-programs/disciplines/craft-details/carpentry</p>

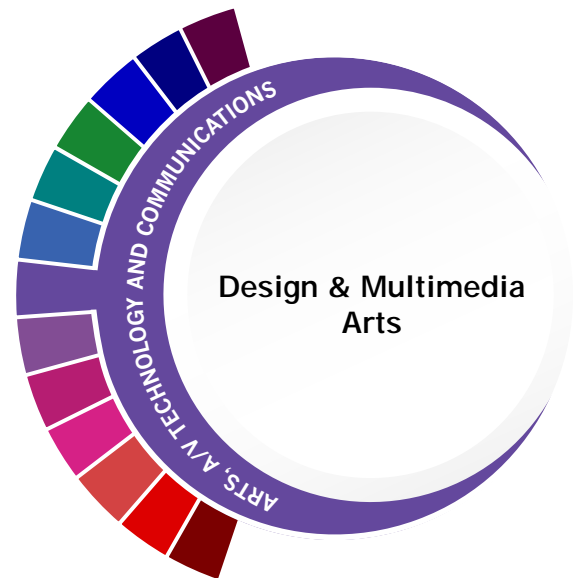
Adobe Certified Associate Illustrator



INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Adobe Certified Associate Illustrator exam measures the following domains: working in the design industry, project setup and interface, organizing documents, creating and modifying visual elements, and publishing digital media.

An individual earning this certification has approximately 150 hours of instruction and hands-on experience with the product, and is familiar with core features and capabilities, as well as relevant career concepts.

For additional information, please visit the following link:
<https://edex.adobe.com/aca>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Adobe</p> <p> 1.888.999.9830</p> <p> https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Overview</p>	<p>Exam Name: Adobe Certified Associate: Illustrator</p> <p>Exam Website: https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Certify#illustrator</p> <p>Number of Questions: 32-40 depending on version</p> <p>Questions Type: CC 2018 - Live in the application CC 2015, 2013 & CS6 - simulations</p> <p>Exam Time: 50 minutes</p>	<p>Exam Site: Exam Center - schools can be set up as testing centers</p> <p>Exam Price: ACA Voucher + Retake: \$75.85 ACA Site License: \$5,928.00</p> <p>Candidate Requirements: None</p> <p>Study Materials & Resources: https://edex.adobe.com/en/aca/prep</p>

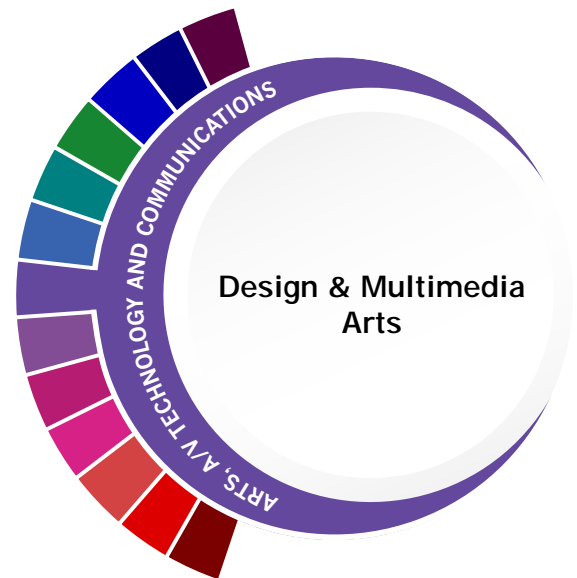
Adobe Certified Associate InDesign

INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Adobe Certified Associate InDesign exam measures the following domains: Working in the Design Industry, Project Setup and Interface, Organizing Documents, Creating and Modifying Visual Elements, and Publishing Digital Media

An individual earning this certification has approximately 150 hours of instruction and hands-on experience with the product, and is familiar with core features and capabilities, as well as relevant career concepts.

For additional information, please visit the following link:
<https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Certify#indesign>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p style="text-align: center;">Adobe</p> <p>1.888.999.9830</p> <p>www.certiport.com</p>	<p>Exam Name: Adobe Certified Associate: InDesign</p> <p>Exam Website: www.certiport.com/adobe</p> <p>Number of Questions: 34-40 depending on version</p> <p>Questions Type: CC 2018 - Live in the application CC 2015,2013 & CS6 - simulations</p> <p>Exam Time: 50 minutes</p>	<p>Exam Site: Exam Center - schools can be set up as testing centers</p> <p>Exam Price: ACA Voucher + Retake: \$75.85 ACA Site License: \$5,928.00</p> <p>Candidate Requirements: None</p> <p>Study Materials & Resources: Objective domain: https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Certify</p>

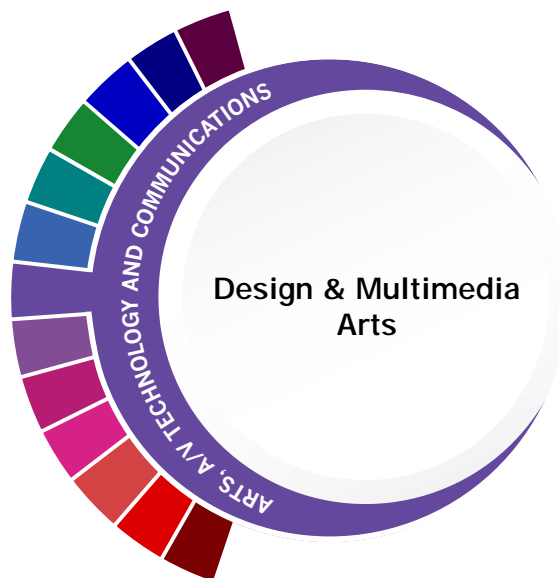
Adobe Certified Associate Premiere Pro



INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Adobe Certified Associate Premiere Pro exam measures the following domains: working in the video industry, project setup and interface, organizing video projects, creating and modifying visual elements and publishing digital media.

An individual earning this certification has approximately 150 hours of instruction and hands-on experience with the product, and is familiar with core features and capabilities, as well as relevant career concepts.

For additional information, please visit the following link:
<https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Certify#premiere>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Adobe</p> <p> 1.888.999.9830</p> <p> www.certiport.com</p>	<p>Exam Name: Adobe Certified Associate: Premiere Pro</p> <p>Exam Website: www.certiport.com/adobe</p> <p>Number of Questions: 31-42 depending on version</p> <p>Questions Type: CC 2018 - Live in the application CC 2015,2013 & CS6 - simulations</p> <p>Exam Time: 50 minutes</p>	<p>Exam Site: Exam Center - schools can be set up as testing centers</p> <p>Exam Price: ACA Voucher + Retake: \$75.85 ACA Site License: \$5,928.00</p> <p>Candidate Requirements: None</p> <p>Study Materials & Resources: Objective domain: https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Certify</p>

Adobe Certified Associate Visual Design Specialist

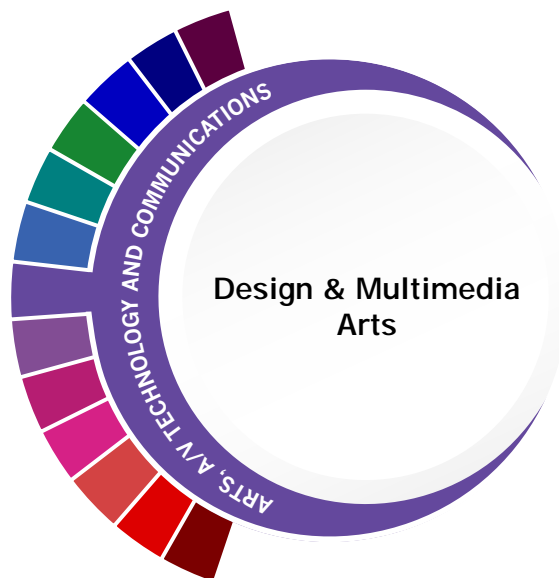
INDUSTRY-BASED CERTIFICATION DESCRIPTION



The following ACA certification exams must be passed in order to attaining the Visual Design Specialist certificate.:Graphic and Design and Illustration using Adobe Illustrator, Print and Digital Media Publication using Adobe InDesign, and Visual Communication using Adobe Photoshop.

An ACA Specialist certificate is ideal for validating your Adobe cross-platform expertise, and it speaks volumes to prospective employers, academic institutions and the world. It is a valuable addition to your design portfolio

For more information:

<https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Certify/Specialist>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p style="text-align: center;">Adobe</p> <p> 1.888.999.9830</p> <p> www.certiport.com</p>	<p>Exam Name: Adobe Certified Associate: Illustrator Adobe Certified Associate: InDesign Adobe Certified Associate: Photoshop</p> <p>Exam Website: www.certiport.com/adobe</p> <p>Number of Questions: Illustrator: 32-40 InDesign: 34-40 Photoshop: 33-41</p> <p>Questions Type: CC 2018 - Live in the application CC 2015,2013 & CS6 - simulations</p> <p>Exam Time: all exams 50 minutes</p>	<p>Exam Site: Exam Center - schools can be set up as testing centers</p> <p>Exam Price: ACA Voucher + Retake: \$75.85 (would need 3 vouchers for all 3 tests) ACA Site License: \$5,928.00</p> <p>Candidate Requirements: None</p> <p>Study Materials & Resources: Objective domain: https://certiport.pearsonvue.com/Certifications/Adobe/ACA/Certify</p>

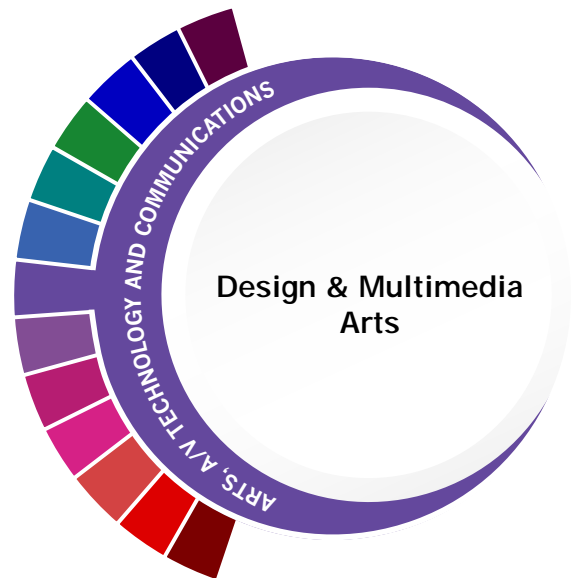
Apple Final Cut Pro X



INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Apple Final Cut Pro X 10.4 exam measures the following overarching objectives: getting started in Final Cut Pro X, importing media, organizing clips, making the first edit, and revising, enhancing and finishing the edit.

Additional objectives include sharing the project, managing libraries, and advancing your workflow.

For additional information, please visit the following link:
https://training.apple.com/content/dam/appletraining/us/en/2018/documents/final-cut_pro_x_10_4_exam_prep_guide_L550887B_en_ww.pdf



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Apple</p> <p>Exam Providers: PearsonVue or Apple Authorized Training Provider</p> <p> 408.996.1010</p> <p> https://training.apple.com/us/en/recognition</p>	<p>Exam Name: Apple Final Cut Pro X</p> <p>Exam Webpage: https://home.pearsonvue.com/apple/itpr_oapps</p> <p>Number of Questions: 70 questions</p> <p>Question Type: Multiple choice and interactive media questions</p> <p>Exam Time: 2 hours</p>	<p>Exam Site: Apple Authorized Training Provider location or online option through PearsonVue</p> <p>Exam Price: \$250</p> <p>Candidate Requirements: experience using all aspects of Final Cut Pro X</p> <p>Study Materials & Resources: https://training.apple.com/content/dam/appletraining/us/en/2018/documents/final-cut_pro_x_10_4_exam_prep_guide_L550887B_en_ww.pdf</p>

Google Analytics Individual Qualification



INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Google Analytics Individual Qualification assessment is designed to test knowledge of digital analytics best practices and the Google Analytics platform. Passing the assessment is required to earn a Google Analytics IQ certification.

The Google Analytics IQ exam measures the following domains or competencies: creating an account; implementing a tracking code; setting up data filters; navigating the Google Analytics interface and reports; setting up dashboards and shortcuts; analyzing basic audience, acquisition, and behavior reports; and setting up goals and campaign tracking.

For additional information, visit the following site:
https://support.google.com/google-ads/answer/6089828?hl=en&ref_topic=6089827



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p style="text-align: center;">Google</p> <p> Online assistance available through the Help Center</p> <p> https://support.google.com/google-ads/answer/6089828?hl=en&ref_topic=6089827</p>	<p>Exam Name: Google Analytics Individual Qualification (GAIQ)</p> <p>Exam Webpage: https://support.google.com/google-ads/answer/6089828?hl=en&ref_topic=6089827</p> <p>Number of Questions: 70 questions</p> <p>Question Type: Multiple choice and T/F questions</p> <p>Exam Time: 90 minutes</p>	<p>Exam Site: Online exam</p> <p>Exam Price: No fee to take exam</p> <p>Candidate Requirements: https://support.google.com/google-ads/answer/6089828?hl=en&ref_topic=6089827</p> <p>Study Materials & Resources: https://support.google.com/google-ads/answer/6089828?hl=en&ref_topic=6089827</p>

Microsoft Office Specialist Word

INDUSTRY-BASED CERTIFICATION DESCRIPTION



Successful candidates for the Word 2016 exam have a fundamental understanding of the Word environment and the ability to complete tasks independently.

Candidate taking this exam will demonstrate the correct application of the principle features of Word 2016 by creating and editing 2-3 page documents for a variety of purposes and situations, documenting examples include professional-looking reports, multi-column newsletters, résumés, and business correspondence.

The information provided here describes the 2016 version of the exam. Depending upon the software version available in your district, an earlier versions or updated version (Office 365 or 2019) of this exam may also be completed and reported.

For additional information, visit the following link:
<https://certiport.pearsonvue.com/Certifications/Microsoft/MOS/Overview>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Microsoft</p> <p>1.888.999.9830</p> <p> 1.888.999.9830</p> <p> https://certiport.pearsonvue.com/Certifications/Microsoft</p>	<p>Exam Name: Microsoft Office Specialist Word</p> <p>Exam Webpage: https://www.microsoft.com/en-us/learning/certification-overview-mos.aspx</p> <p>Number of Questions: 35-40</p> <p>Question Type: Live in the Application</p> <p>Exam Time: 50 minutes</p>	<p>Exam Site: Exam center- schools can be set up as testing center</p> <p>Exam Price: MOS voucher+ retake: \$90.00 MOS Site license: \$3,744.00</p> <p>Candidate Requirements: https://certiport.pearsonvue.com/Certifications/Microsoft/MOS/Certify/Word</p> <p>Study Materials & Resources: Objective Domains can be found here: https://certiport.pearsonvue.com/Certifications/Microsoft/MOS/Learn</p>

Microsoft Office Specialist Excel

INDUSTRY-BASED CERTIFICATION DESCRIPTION



Successful candidates for the Microsoft Office Specialist Excel 2016 certification exam have a fundamental understanding of the Excel environment and the ability to complete tasks independently.

Candidates taking this exam will create and edit a workbook with multiple sheets, and they will use a graphic element to represent data visually. Workbook examples include professional-looking budgets, financial statements, team performance charts, sales invoices, and data-entry logs.

The information provided here describes the 2016 version of the exam. Depending upon the software version available in your district, an earlier or updated version (Office 365 or 2019) of this exam may also be completed and reported.

For additional information, visit the following link:
<https://certipoint.pearsonvue.com/Certifications/Microsoft/MOS/Overview>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Microsoft</p> <p>1.888.999.9830</p> <p> 1.888.999.9830</p> <p> https://certipoint.pearsonvue.com/Certifications/Microsoft</p>	<p>Exam Name: Microsoft Office Specialist Excel</p> <p>Exam Webpage: https://www.microsoft.com/en-us/learning/certification-overview-mos.aspx</p> <p>Number of Questions: 35-38 questions</p> <p>Question Type: Live in the Application</p> <p>Exam Time: 50 minutes</p>	<p>Exam Site: Exam center- schools can be set up as testing center</p> <p>Exam Price: MOS voucher+ retake: \$90.00 MOS Site license: \$3,744.00</p> <p>Candidate Requirements: https://certipoint.pearsonvue.com/Certifications/Microsoft/MOS/Certify/Excel</p> <p>Study Materials & Resources: Objective Domains can be found here: https://certipoint.pearsonvue.com/Certifications/Microsoft/MOS/Learn</p>



Educational Aide I

INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Educational Aide I certification measures the following domains or competencies: planning, managing, and providing education and training services and related learning support services; exploring and understanding needed preparation for Education and Training careers; and participating in a field based internship that provides background knowledge of child and adolescent development as well as principles of effective teaching and training practices.

A student who completes the Educational Aide I certification could work in a variety of occupations within an educational setting. Some of the work activities could include: Tutoring and assisting children individually or in small groups to help them master assignments and to reinforce learning concepts; supervising students in classrooms, halls, cafeterias, school yards, and gymnasiums, or on field trips; teaching social skills to students; providing extra assistance to students with special needs; observing students' performance, and recording relevant data to assess progress and presenting subject matter to students under the direction and guidance of teachers, using lectures, discussions, or supervised role-playing methods.



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Texas Education Agency</p> <p> Contact the Educator Certification division for application information</p> <p> https://tea.texas.gov/texas-educators/certification/contact-educator-certification</p>	<p>Educational Aide I requirements: Student must be 18 years or older.</p> <p>Student must earn a final grade of 70 or better in two or more Education and Training Courses specified in TAC Chapter 130, Subchapter E, for three or more credits verified in writing by the Superintendent of the district where the credits were earned.</p> <p>One of the courses must be must be Instructional Practices or Practicum in Education and Training.</p> <p>Certification Costs: \$17 application fee \$40.25 fingerprinting fee</p>	<p>Certification Information: Student must request a TEAL account to complete Educational Aide application in the Educator Certification Online System.</p> <p>Certification Webpage: https://tea.texas.gov/Texas_Educators/Certification/Initial_Certification/Becoming_an_Educational_Aide_in_Texas/</p> <p>Additional Information regarding the application process can be found at the following link: Education Aide I Process Documents</p>

Child Development Associate

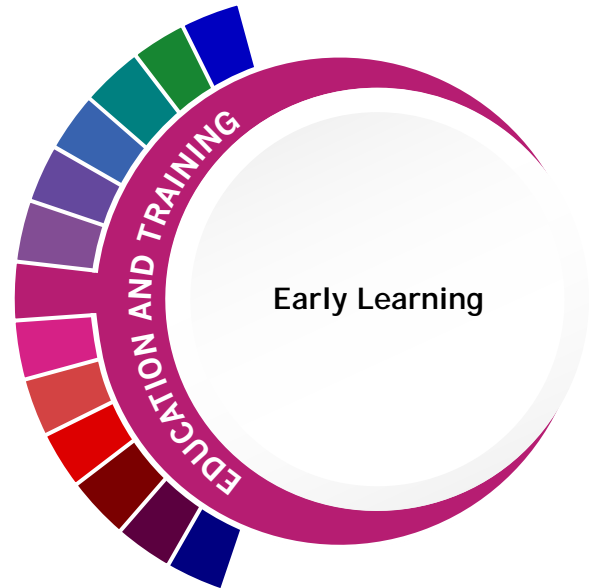
INDUSTRY-BASED CERTIFICATION DESCRIPTION



The Child Development Associate (CDA) Credential is the most widely recognized credential in Early Childhood Education (ECE) and is a key stepping stone on the path of career advancement in ECE.

The Child Development Associate (CDA) Credential is based on a core set of six competency standards, which guide early care professionals as they work toward becoming qualified teachers of young children. The six competency standards include 1. To establish and maintain a safe, healthy learning environment; 2. To advance physical and intellectual competence; 3. To support social and emotional development and to provide positive guidance; 4. To establish positive and productive relationships with families; 5. To ensure a well-run, purposeful program responsive to participant needs and 6. To maintain a commitment to professionalism.

CDA's have knowledge of how to put the CDA Competency Standards into practice and understanding of why those standards help children move with success from one developmental stage to another. Put simply, CDA's know how to nurture the emotional, physical, intellectual, and social development of children.

For additional information, please visit the following link:
<https://www.cdacouncil.org/>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Council for Professional Recognition</p> <p> (800) 424-4310</p> <p> https://www.cdacouncil.org/</p>	<p>Exam Name: Preschool, Infant/Toddler, Family Child Care, or Home Visitor</p> <p>Exam Webpage: https://www.cdacouncil.org/credentials/apply-for-cda</p> <p>Number of Questions: 65</p> <p>Question Type: Multiple choice questions</p> <p>Exam Time: 2 hours (includes 15 minutes of instructions)</p>	<p>Exam Site: Person Vue Testing Center</p> <p>Exam Price: online application fee: \$425 or paper application fee: \$500</p> <p>Candidate Requirements: 120 hours of instruction on 8 CDA subject areas (at least 10 hours in each area), 480 hours of work experience, assessment, portfolio and verification visit (within 6 months from the receipt of the Ready-To-Schedule Notice)</p> <p>Study Materials & Resources: Competency Standards Book can be found at the following link: https://store.cdacouncil.org/cdaapplicationpackets.aspx</p>

Phlebotomy Technician

INDUSTRY-BASED CERTIFICATION DESCRIPTION

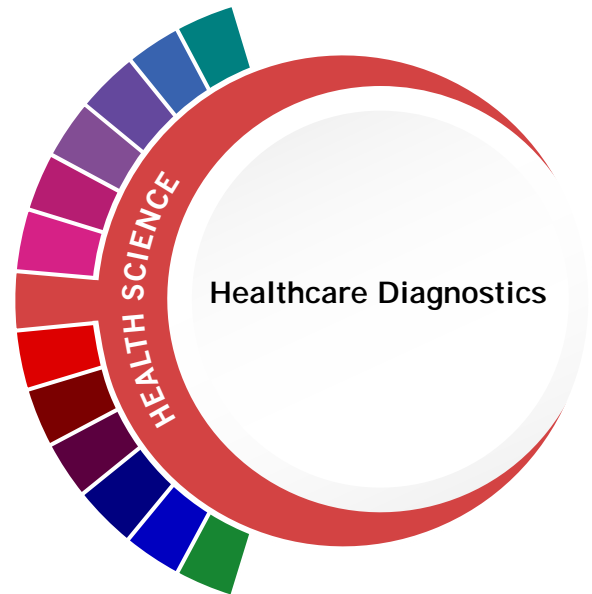
Phlebotomy Technician certification content domains can include quality and professional issues, infection control and safety, patient id and site preparation, orders and equipment selection, blood collections and processing.

Exam candidates should be familiar with using aseptic and infection control techniques throughout the phlebotomy process, following hand hygiene guidelines to prevent the spread of infections, and verifying patient compliance with testing requirements and proceed accordingly.

In addition, candidates should know how to interview patients to identify special considerations that may impact collections, follow standard tourniquet application and removal procedures, selecting final site through observation and palpation, for specimen collection and applying antiseptic agent to blood collection site.

The following certifying entities have competencies required to earn this certification. Districts should choose the exam provider who is best aligned with their regional employers.

For additional information regarding test plans, exam content, and additional specifics, please visit the certifying entities websites listed below.



CERTIFYING ENTITIES	ADDITIONAL INFORMATION	
<p>American Allied Health</p> <p>479-553-7614</p> <p>https://www.americanalliedhealth.com/</p>	<p>Exam Name: Certified Phlebotomy Technician</p> <p>Exam Webpage: https://www.americanalliedhealth.com/register.php</p> <p>Number of Questions: 150 questions</p> <p>Question Type: Multiple choice and T/F questions</p> <p>Exam Time: 2 hours</p>	<p>Exam site: https://www.americanalliedhealth.com/testing/sites/es.php</p> <p>Exam price: \$105</p> <p>Candidate Requirements: https://www.americanalliedhealth.com/certifications.php</p> <p>Study Materials and Resources: https://www.americanalliedhealth.com/resources.php</p>
<p>American Medical Certification Association</p> <p>888-960-2622</p> <p>https://www.amcaexams.com/</p>	<p>Exam Name: Phlebotomy Technician Certification</p> <p>Exam Webpage: https://www.amcaexams.com/exam-candidates/certification-exam/</p> <p>Number of Questions: 100 questions</p> <p>Question Type: Multiple choice questions</p> <p>Exam Time: 2 hours</p>	<p>Exam site: https://www.amcaexams.com/student-registration/</p> <p>Exam price: \$109</p> <p>Candidate Requirements: https://www.amcaexams.com/exam-candidates/certification-exam/phlebotomy-technician-certification/</p> <p>Study Materials and Resources: https://www.amcaexams.com/exam-candidates/study-material/</p>

Certified EKG/ECG Technician

INDUSTRY-BASED CERTIFICATION DESCRIPTION

EKG Technicians carry the responsibility of administering electrocardiogram tests, which help practitioners understand the state of a patient's heart.

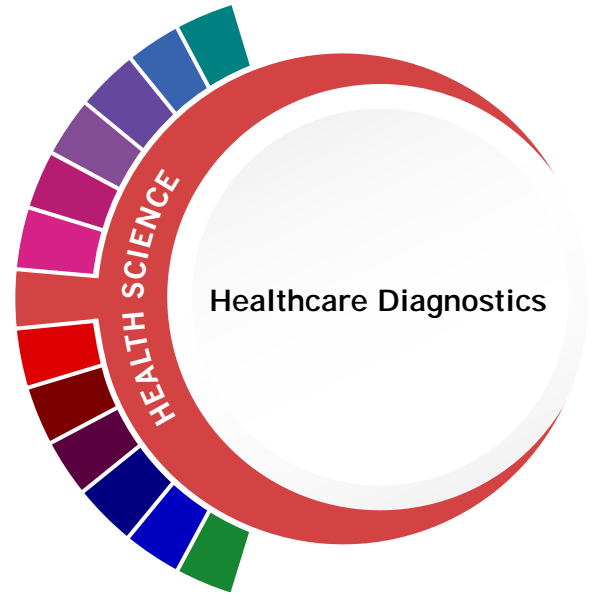
Technicians ensure proper electrode placement on the patient, record the EKG/ECG, prepare the report for the physician, ensure patient comfort and safety, and troubleshoot abnormalities with the recording. In addition, EKG/ECG technicians set up and administer stress tests.




Candidates should be familiar with performing Holter monitoring and stress testing, medical terminology, understanding the anatomy and physiology of the heart, diseases and disorders of the heart, electrocardiography, pharmacology, and general patient care.

The competencies above may be measured by the entities below. Please see the individual websites for exam specifics.

The following certifying entities have competencies required to earn this certification. Districts should choose the exam provider who is best aligned with their regional employers.

For additional information, please visit each entity's website.



CERTIFYING ENTITIES	ADDITIONAL INFORMATION	
<p>National Healthcareer Association</p> <p> Toll-Free: (800) 499-9092 Local: (913) 661-5592</p> <p> https://www.nhanow.com/</p>	<p>Exam Information: National Certified ECG Technician (NCET)</p> <p>Exam Webpage: https://www.nhanow.com/certifications/ekg-technician</p> <p>Number of Questions: 100 questions</p> <p>Question Type: Multiple choice questions</p> <p>Exam Time: 2 hours</p>	<p>Exam Site: Campus proctored exam or PSI Exam Center</p> <p>Exam Price: \$117.00</p> <p>Candidate Requirements: https://www.nhanow.com/docs/default-source/pdfs/handbooks/candidate_handbook_03_2019</p> <p>Study Materials & Resources: After registering for the examination, the candidate may choose to purchase preparation materials, such as a Study Guide and/or Practice Assessment, offered by NHA.</p>
<p>National Center for Competency Testing</p> <p> Toll-Free: 800.875.4404 Local: 913.498.1243</p> <p> https://www.ncctinc.com/</p>	<p>Exam Information: Certified EKG Technician (CET)</p> <p>Exam Webpage: https://www.ncctinc.com/certifications/ecg</p> <p>Number of Questions: 125 scored items and 25 unscored items</p> <p>Question Type: Multiple choice</p> <p>Exam Time: 3 hours</p>	<p>Exam Site: Campus proctored exam</p> <p>Exam Price: \$90.00</p> <p>Candidate Requirements: https://www.ncctinc.com/certifications/ecg</p> <p>Study Materials & Resources: https://www.ncctinc.com/store/productdetail/896</p> <p>\$19.95 practice exam</p>

Certified Nurse Aide/Assistant

INDUSTRY-BASED CERTIFICATION DESCRIPTION



The National Nurse Aide Assessment Program examination is an evaluation of nurse aide-related knowledge, skills, and abilities.

The purpose of the NNAAP examination is to test that a candidate understands and can safely perform the job of an entry-level nurse aide. The exam is comprised of the following competencies: physical care skills to include nutrition, hydration, elimination, infection control, and data collection, psychological care skills, and the role of a nurse aide which entails client rights, legal and ethical behavior, and communications.

If a school district is interested in offering a Certified Nursing Aide/Assistant program, the first step would be to reach out to Texas Health and Human Services to find out the specific requirements needed to offer the nurse aide program.

For additional information, please visit the following link:
<https://hhs.texas.gov/doing-business-hhs/licensing-credentialing-regulation/credentialing/nurse-aide-training-competency-evaluation-program-natcep>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Texas Health and Human Services</p> <p> 512-438-2017</p> <p> https://hhs.texas.gov/</p>	<p>Exam Information: National Nurse Aide Assessment Program-Texas Nurse Aide</p> <p>Exam Webpage: https://home.pearsonvue.com/getattachment/9888ee5e-49e5-4c1a-b407-907332eb1727/Step%20by%20Step%20Instructions%20for%20Completing%20Texas%20Nurse%20Aide%20Online%20Registration-064426.aspx</p> <p>Number of Questions: Hands-on skill competency for 5 skills, 70 exam questions (English or Spanish Oral exam may be given in place of the written exam)</p> <p>Question Type: Multiple Choice and Skills (or Oral exam)</p> <p>Exam Time: 2 hours Written Exam Skills Exam (Plan to spend the day testing)</p>	<p>Exam Site: Pearson Professional Center or PearsonVUE authorized testing center</p> <p>Exam Price: \$104.50 Written and Skills \$27.50 Written Only or \$77.00 Skills Only</p> <p>Candidate Requirements: Has successfully completed a state-approved nurse aide training program within the past twenty-four (24) months.</p> <p>Study Materials & Resources: https://home.pearsonvue.com/getattachment/73a0c524-4cbe-401a-aa5c-fe1ebf4e2517/Texas%20Nurse%20Aide%20Candidate%20Handbook-064400.aspx</p>

Certified Pharmacy Technician

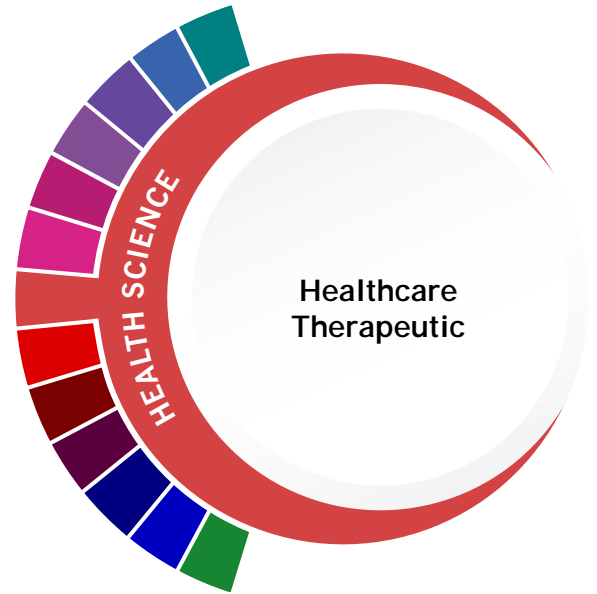
INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Pharmacy Technician certification exam assesses the skill attainment of students in performing tasks such as: receiving prescription requests from patients and doctors' offices, accurately measuring medication amounts, packaging and labeling prescriptions, establishing and maintaining patient records, accepting payment for prescriptions and processing insurance claims, and managing inventory.

The governing body for pharmacists and pharmacy technicians in Texas is the Texas State Board of Pharmacy.

The following certifying entities have competencies required to earn this certification. Districts should choose the exam provider who is best aligned with their regional employers and meets all of the requirements designated from the governing body.

For additional information, please visit the links below in for each individual certifying entity.



CERTIFYING ENTITIES	ADDITIONAL INFORMATION	
<p>Pharmacy Technician Certification Board</p> <p>800-363-8012</p> <p>https://www.ptcb.org/</p>	<p>Exam Name: Certified Pharmacy Technician (CPhT) - Pharmacy Technician Certification Exam (PTCE)</p> <p>Exam Webpage: https://www.ptcb.org/get-certified/prepare-for-the-ptce#.XMDLZOhKiUk</p> <p>Number of Questions: 80 scored items and 10 unscored items Question Type: Multiple Choice questions</p> <p>Exam Time: 2 hours</p>	<p>Exam Site: https://portal.ptcb.org/Login.aspx?ReturnUrl=%2fProfile%2fDefault.aspx</p> <p>Exam Price: \$129</p> <p>Candidate Requirements: https://www.ptcb.org/get-certified/apply-for-cpht#.XMDLA-hKiUk</p> <p>Study Materials & Resources: https://www.ptcb.org/get-certified/prepare-for-the-ptce#.XMDMzuhKiUk</p>
<p>National Healthcareer Association</p> <p>Toll-Free: (800) 499-9092</p> <p>https://www.nhanow.com/</p>	<p>Exam Name: Pharmacy Technician Certification (CPhT) - Exam for Certification of Pharmacy Technicians (ExCPT)</p> <p>Exam Webpage: https://www.nhanow.com/certifications/pharmacy-technician</p> <p>Number of Questions: 100 scored items and 20 pretest items Question Type: Multiple Choice questions</p> <p>Exam Time: 2 hours and 10 minutes</p>	<p>Exam Site: https://certportal.nhanow.com/</p> <p>Exam Price: \$117</p> <p>Candidate Requirements: https://www.nhanow.com/docs/default-source/pdfs/handbooks/candidate_handbook_03_2019</p> <p>Study Materials & Resources: https://certportal-store.nhanow.com/category/professions/excpt2/</p>

Certified Personal Trainer

INDUSTRY-BASED CERTIFICATION DESCRIPTION

A personal trainer assesses behavior adaptation readiness and offers guidance in the development of realistic, client-centered goals related to health, fitness and wellness. In addition, they develop and administer programs designed to promote optimal fitness, muscular strength, muscular endurance, flexibility, and body composition.

The certifying entities below have a variety of domains and competencies, which include interviews and assessments, program design and implementation, exercise leadership & client education, professional conduct, and legal and professional responsibilities.

The following certifying entities have competencies required to earn this certification. Districts should choose the exam provider who is best aligned with their regional employers.

For additional information, please visit the links below in for each individual certifying entity.



CERTIFYING ENTITIES	ADDITIONAL INFORMATION	
<p>American Council on Exercise</p> <p>888-825-3636</p> <p>https://www.acefitness.org/</p>	<p>Exam Name: Certified Personal Trainer (CPT)</p> <p>Exam Webpage: https://www.acefitness.org/fitness-certifications/personal-trainer-certification/default.aspx</p> <p>Number of Questions: 125 scored items and 25 experimental items</p> <p>Question Type: Multiple Choice questions</p> <p>Exam Time: 3 hours</p>	<p>Exam Site: https://www.acefitness.org/fitness-certifications/schedule-your-exam/</p> <p>Exam Price: \$399</p> <p>Candidate Requirements: https://www.acefitness.org/fitness-certifications/certification-101/#howToStep1</p> <p>Study Materials & Resources: https://www.acefitness.org/fitness-certifications/personal-trainer-certification/ace-academy-elite.aspx</p>
<p>American College of Sports Medicine</p> <p>317-637-9200</p> <p>https://www.acsm.org/</p>	<p>Exam Name: Certified Personal Trainer (ACSM-CPT)</p> <p>Exam Webpage: https://www.acsm.org/get-stay-certified/get-certified/health-fitness-certifications/personal-trainer</p> <p>Number of Questions: 120 scored items/30 non-scored items</p> <p>Question Type: Multiple Choice questions</p> <p>Exam Time: 2 hours and 45 minutes</p>	<p>Exam Site: https://home.pearsonvue.com/acsm</p> <p>Exam Price: \$279 member/ \$349 non-member</p> <p>Candidate Requirements: https://www.acsm.org/get-stay-certified/get-certified/health-fitness-certifications/personal-trainer</p> <p>Study Materials & Resources: https://www.acsm.org/get-stay-certified/get-certified/health-fitness-certifications/personal-trainer</p>

ServSafe Manager

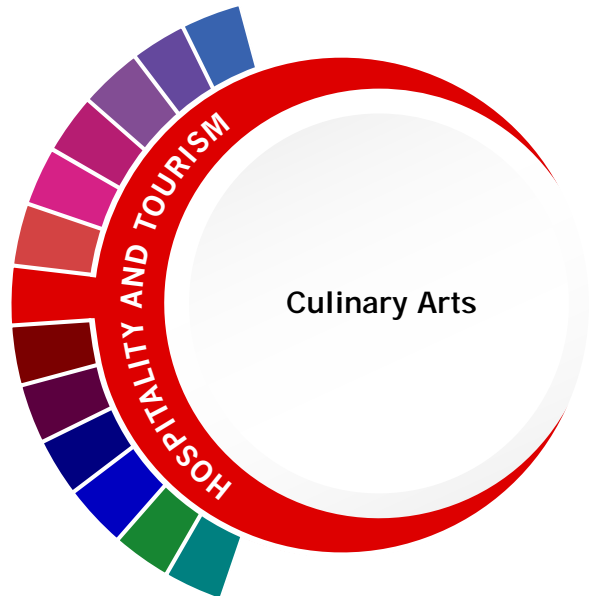
INDUSTRY-BASED CERTIFICATION DESCRIPTION

ServSafe Manager is a food safety program providing high-quality food safety education and training for the restaurant and food service industry. Learn about food borne illness, how to prevent it and how to train employees in food sanitation.

The ServSafe Manager exam measures the following content areas: implementing food safety standard operating procedures, ensuring employee hygiene and health, ensuring safe receipt, storage, transportation and disposal of food, ensuring safe preparation, display and service of food and ensuring compliance with regulatory requirements for facilities.

There are various options for a teacher to become a certified proctor for the ServSafe Manager program. ServSafe training and certifications are offered at a certified testing location in each of the metropolitan areas of Dallas, Houston, San Antonio, or Austin at the local restaurant association.

In addition, there are ServSafe classrooms at any AceMart Restaurant Supply as part of a partnership with AceMart, and ESC's may request training services from the Texas Restaurant Association.



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>National Restaurant Association (NRA)</p> <p>800-765-2122</p> <p>https://www.servsafe.com/</p>	<p>Exam Name: ServSafe Manager</p> <p>Exam Webpage: https://www.servsafe.com/ServSafe-Manager/Get-Certified</p> <p>Number of Questions: 90 questions (80 exam and 10 pilot questions)</p> <p>Question Type: Multiple choice - critical thinking, job task analysis, safety and sanitation</p> <p>Exam Time: 2 hours</p>	<p>Exam Site: Online proctored exam or paper/pencil proctored exam</p> <p>Exam Price: \$38 scantron, \$36 online voucher with proctor present and proctor to administer per Texas law</p> <p>Candidate Requirements: Candidate must be 16 years of age or older</p> <p>Study Materials & Resources: https://www.servsafe.com/access/ss/Catalog/ProductList/189 Order online or through National Restaurant Association. Texas Representative: Steve Henige at shenige@restaurant.org</p>

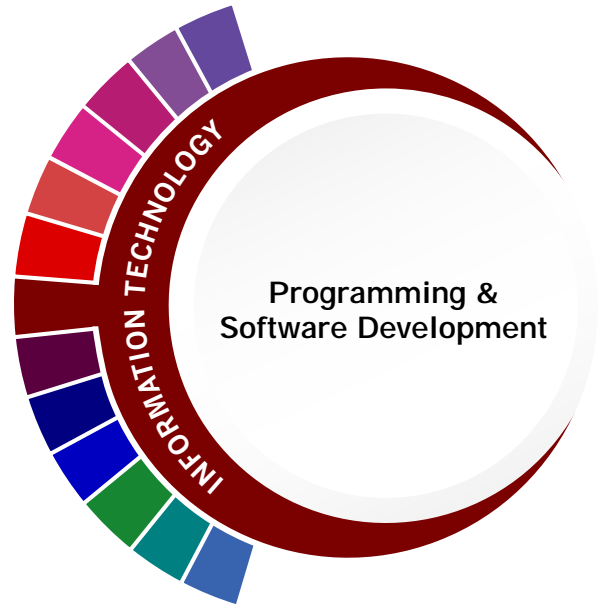
Microsoft Technology Associate HTML5 Application Development Fundamentals

INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Microsoft Technology Associate HTML5 Application Development Fundamentals exam measures the following objectives: managing the application life cycle, building the user interface by using HTML5, formatting the user interface by using Cascading Style Sheets, and coding by using JavaScript.

Before taking this exam, candidates should have solid foundational knowledge of the topics outlined in the preparation guide, including CSS and JavaScript. It is recommended that candidates be familiar with the concepts of and have some hands-on experience with the related technologies, either by taking relevant training courses or by working with tutorials and samples available on MSDN and in Microsoft Visual Studio.

For additional information, please visit the following link:
<https://www.microsoft.com/en-us/learning/exam-98-375.aspx>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Microsoft</p> <p>1.888.999.9830</p> <p>www.certiport.com</p>	<p>Exam Name: MTA 98-375 HTML5 Application Developer Fundamentals</p> <p>Exam Webpage: www.certiport.com/MTA</p> <p>Number of Questions: 56 questions</p> <p>Question Type: Selected Response</p> <p>Exam Time: 50 minutes</p>	<p>Exam Site: Exam center- schools can be set up as a testing center</p> <p>Exam Price: MTA Voucher + Retake: \$61.00 MTA Site License: \$3,640.00</p> <p>Candidate Requirements: https://www.microsoft.com/en-us/learning/exam-98-375.aspx</p> <p>Study Materials & Resources: Objective Domains can be found here: https://certiport.pearsonvue.com/Certifications/Microsoft/MTA/Certify</p>

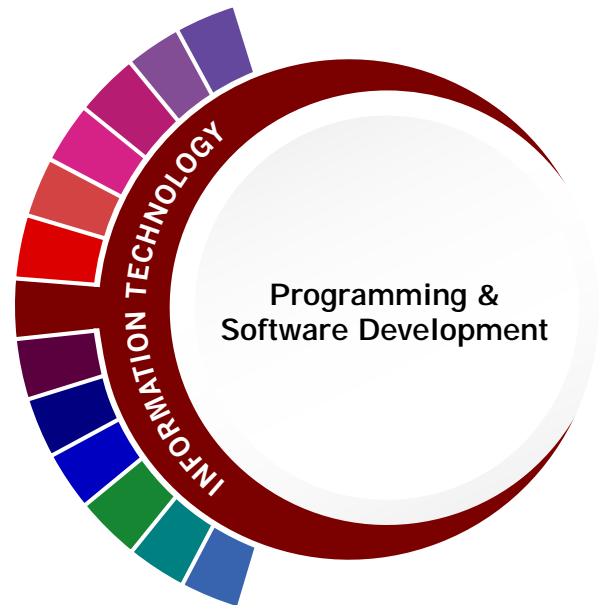
Microsoft Technology Associate Introduction to Programming Using HTML and CSS

INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Microsoft Technology Associate Introduction to Programming using HTML and CSS exam measures the following objectives: understanding HTML fundamentals, understanding CSS fundamentals, structuring documents using HTML, presenting multimedia using HTML, and styling web pages using CSS.

Candidates are expected to have at least 100 hours of instruction or hands-on experience with HTML and CSS, be familiar with their features and capabilities, and understand how to write, debug, and maintain well-formed HTML and CSS code.

For additional information, please visit the following link:
<https://www.microsoft.com/en-us/learning/exam-98-383.aspx>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Microsoft</p> <p>1.888.999.9830</p> <p>www.certiport.com</p>	<p>Exam Name: MTA 98-383 Intro to Programming using HTML and CSS</p> <p>Exam Webpage: www.certiport.com/MTA</p> <p>Number of Questions: 41 questions</p> <p>Question Type: Selected Response</p> <p>Exam Time: 45 minutes</p>	<p>Exam Site: Exam center- schools can be set up as a testing center</p> <p>Exam Price: MTA Voucher + Retake: \$61.00 MTA Site License: \$3,640.00</p> <p>Candidate Requirements: https://www.microsoft.com/en-us/learning/exam-98-383.aspx</p> <p>Study Materials & Resources: Objective Domains can be found here: https://certiport.pearsonvue.com/Certifications/Microsoft/MTA/Certify</p>

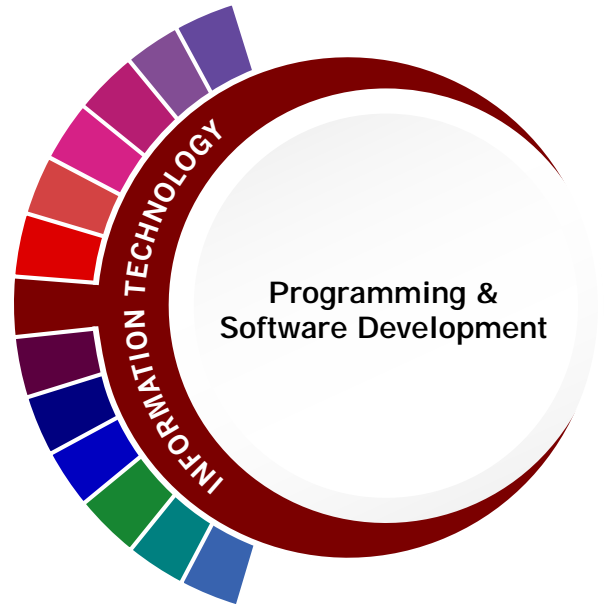
Microsoft Technology Associate Introduction to Programming Using Python

INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Microsoft Technology Associate Introduction to Programming using Python exam measures the following objectives: performing operations using data types and operations, controlling flow with decisions and loops, performing input and output operations, documenting and structuring code, performing troubleshooting and error handling, and performing operation using modules and tools.

Candidates are expected to have had, at a minimum, instruction and/or hands-on experience of approximately 100 hours with the Python programming language, be familiar with its features and capabilities, and understand how to write, debug, and maintain well-formed, well documented Python code.

For additional information, please visit the following link:
<https://www.microsoft.com/en-us/learning/exam-98-381.aspx>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Microsoft</p> <p>1.888.999.9830</p> <p>www.certipoint.com</p>	<p>Exam Name: MTA 98-381 Intro to Programming using Python</p> <p>Exam Webpage: www.certipoint.com/MTA</p> <p>Number of Questions: 40 questions</p> <p>Question Type: Selected Response</p> <p>Exam Time: 45 minutes</p>	<p>Exam Site: Exam Center- schools can be set up as testing centers</p> <p>Exam Price: MTA Voucher + Retake: \$61.00 MTA Site License: \$3,640.00</p> <p>Candidate Requirements: https://www.microsoft.com/en-us/learning/exam-98-381.aspx</p> <p>Study Materials & Resources: Objective Domains can be found here: https://certipoint.pearsonvue.com/Certifications/Microsoft/MTA/Certify</p>

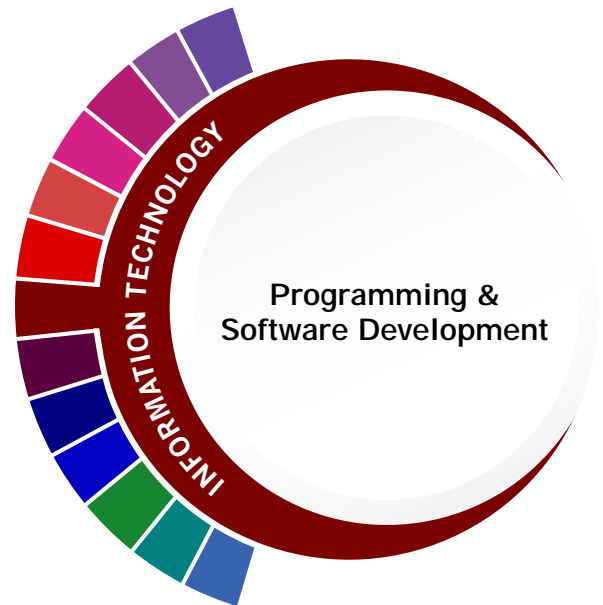
Unity Certified Programmer

INDUSTRY-BASED CERTIFICATION DESCRIPTION

The Unity Programmer certification covers the core skills needed to contribute to the technical execution of a project from conception through launch, and beyond. Becoming certified will show employers that you are adept at coding solutions to tricky problems. You'll demonstrate that you can operate at a professional level to create the UI, script user-interactions, integrate visual and audio assets, implement application state logic, simulate physics, debug code, and optimize performance.

The Unity Certified Programmer exam measures the following objectives: programming core interactions, working in the art pipelines, developing application systems, programming for scene and environment design, optimization of performance platforms, and working in software development teams.

For additional information, please visit the following link:
<https://certification.unity.com/products/certified-programmer>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p style="text-align: center;">Unity</p> <p>certification@unity3d.com</p> <p>https://unity.com/</p>	<p>Exam Name: Certified Unity Programmer</p> <p>Exam Webpage: https://certification.unity.com/products/certified-programmer</p> <p>Number of Questions: 40 to 70 questions</p> <p>Question Type: Multiple choice</p> <p>Exam Time: 105 minutes</p>	<p>Exam Site: PearsonVue Testing Center</p> <p>Exam Price: \$259</p> <p>Candidate Requirements: https://certification.unity.com/products/certified-programmer</p> <p>Study Materials & Resources: https://certification.unity.com/products/certified-programmer</p>

ASE Entry-Level Brakes (BR)

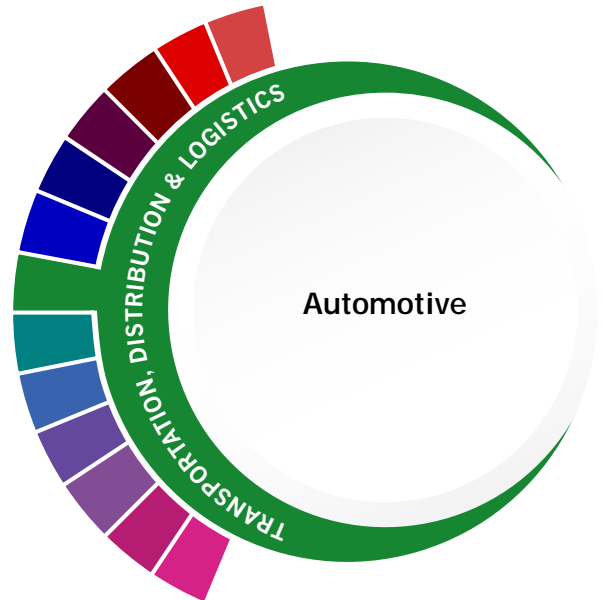
INDUSTRY-BASED CERTIFICATION DESCRIPTION

The ASE Entry-Level Automatic Brakes (BR) exam assesses knowledge and skills related to: general brake systems diagnosis; hydraulic system diagnosis and repair; drum brake diagnosis and repair; disc brake diagnosis and repair; power-assist units diagnosis and repair; wheel bearings, parking brakes, and electrical; an electronic brake control systems: ABS, TCS, and ESC D&R.

The examinations may be administered twice annually. Separate student score reports are prepared for each of the examinations.

Discounts are available if certification vouchers are purchased in packages of 30, 50, 100, or 200.

For additional information, please visit the following link:
<http://www.ase.com/Entry-Level/>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Automotive Service Excellence</p> <p>800-390-6789</p> <p>https://www.ase.com</p>	<p>Exam Name: Brakes (BR)</p> <p>Exam Webpage: http://www.ase.com/Entry-Level/</p> <p>Number of Questions: 40 questions and 15 unscored questions</p> <p>Question Type: Multiple choice</p> <p>Exam Time: 1 hour</p>	<p>Exam Site: Campus based proctored exam.</p> <p>Exam Price: \$45 per student non-accredited schools/programs - \$40 per student ASE accredited schools/programs</p> <p>Candidate Requirements: https://www.ase.com/entry-level/dist/docs/Guide%20for%20Interpreting%20Results%202018.pdf</p> <p>Study Materials & Resources: https://www.ase.com/entry-level/dist/docs/Guide%20for%20Interpreting%20Results%202018.pdf</p>

ASE Entry-Level Automotive Maintenance & Light Repair (MR)

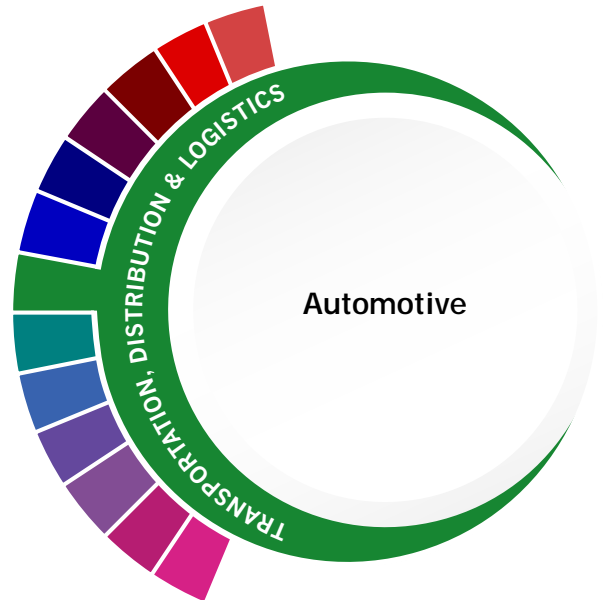
INDUSTRY-BASED CERTIFICATION DESCRIPTION



The ASE Entry-Level Automotive Maintenance & Light Repair (MR) exam assesses knowledge and skills related to: engine repair; automatic transmission and transaxle; manual drive train and axles; suspension and steering; brakes; electrical/electronic systems; heating and air conditioning; engine performance; and supplemental tasks such as shop and personal safety, tools and equipment, preparing vehicle for service, and preparing vehicle for the customer. .

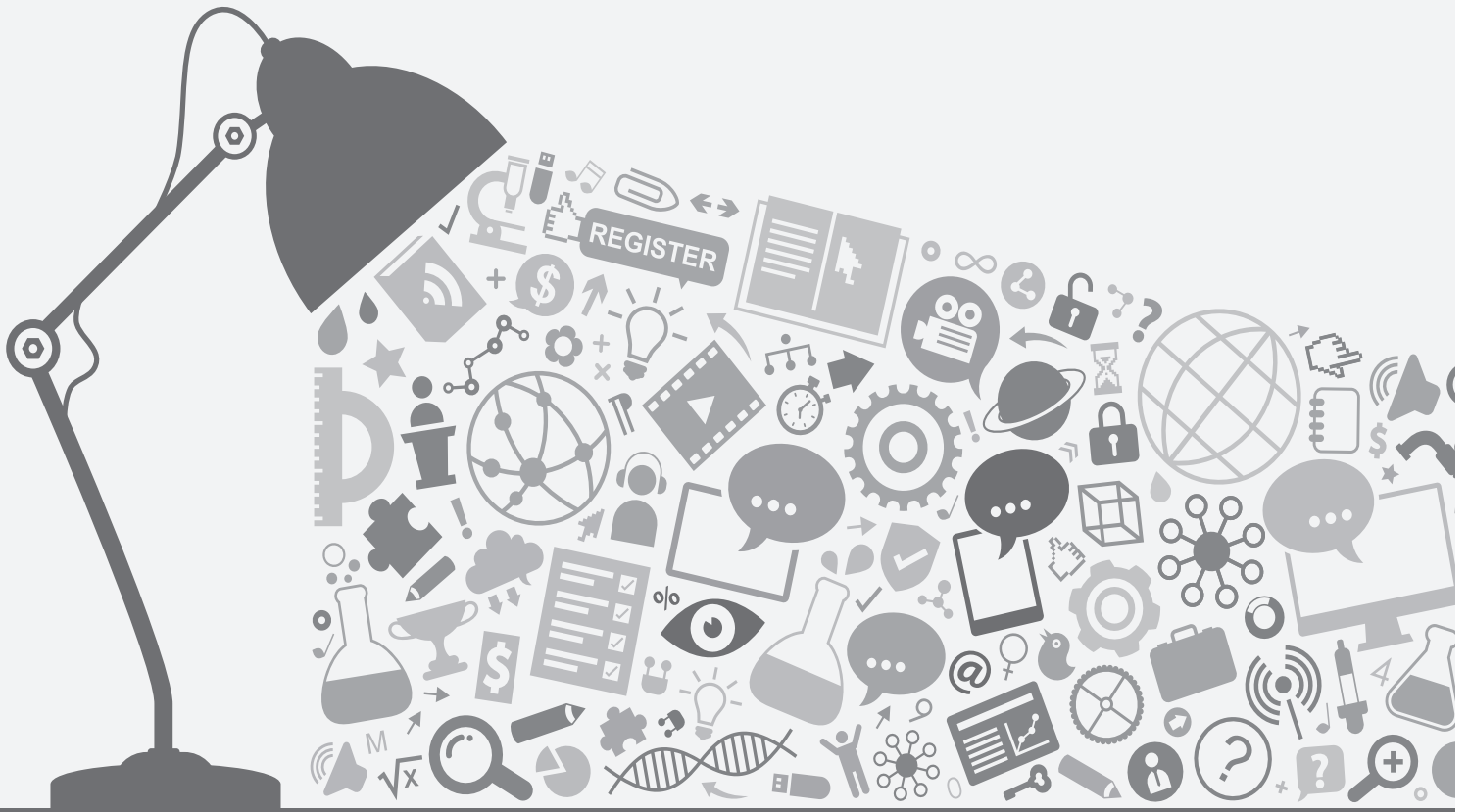
The examinations may be administered twice annually. Separate student score reports are prepared for each of the examinations.

Discounts are available if certification vouchers are purchased in packages of 30, 50, 100, or 200.

For additional information, please visit the following link:
<http://www.ase.com/Entry-Level/>



CERTIFYING ENTITY	ADDITIONAL INFORMATION	
<p>Automotive Service Excellence</p> <p> 800-390-6789</p> <p> https://www.ase.com</p>	<p>Exam Name: Automotive Maintenance and Light Repair (MR)</p> <p>Exam Webpage: http://www.ase.com/Entry-Level/</p> <p>Number of Questions: 60 questions and 20 unscored questions</p> <p>Question Type: Multiple choice</p> <p>Exam Time: 90 minutes</p>	<p>Exam Site: Campus based proctored exam.</p> <p>Exam Price: \$45 per student non-accredited schools/programs - \$40 per student ASE accredited schools/programs</p> <p>Candidate Requirements: https://www.ase.com/entry-level/dist/docs/Guide%20for%20Interpreting%20Results%202018.pdf</p> <p>Study Materials & Resources: https://www.ase.com/entry-level/dist/docs/Guide%20for%20Interpreting%20Results%202018.pdf</p>



TEXAS HIGH SCHOOL

2022-2023

PROGRAM *of* STUDIES

& Course Description Guide

Associate of Arts Degree in General Studies

Texas High School and Texarkana College

Dual Credit Courses

Subject Area	Required Semester Hours	TC Eligible Courses	Texas High Equivalent Courses
Communication	6	ENGL 1301 (3) ENGL 1302 (3)	English IV DC (1 st sem) English IV DC (2 nd sem)
Mathematics	3	MATH 1314 (3) MATH 1316 (3) MATH 1324 (3) MATH 1325 (3) MATH 1332 (3) MATH 1442 (4)	PreCal DC (1 st sem) PreCal DC (2 nd sem) Statistics & Business Decision Making DC (1 st sem) Statistics & Business Decision Making DC (2 nd sem) Applied Math for Technical Professionals DC Statistics DC
Life and Physical Sciences	8	BIOL 1308 & 1108 (4) BIOL 1309 & 1109 (4) CHEM 1311 & 1111 (4) PHYS 1301 & 1101 (4)	SRD: Biology DC (1 st sem) SRD: Biology DC (2 nd sem) SRD: Chemistry DC SRD: Physics DC
Language, Philosophy and Culture	3	HIST 2321 HIST 2322	SS Adv St World Civilizations I (1 st sem) SS Adv St World Civilizations II (2 nd sem)
Creative Arts	3	ARTS 1301 (3) MUSI 1306 (3) DRAM 1310 (3)	Art Appreciation DC Music Appreciation DC Theater Arts I DC
American History	6	HIST 1301 (3) HIST 1302 (3)	US History DC (1 st sem) US History DC (2 nd sem)
Government/ Political Science	6	GOVT 2305 (3) GOVT 2306 (3)	Government DC Social Studies Advanced Studies: Texas State and Local Government
Social and Behavioral Sciences	3	PSYC 2301 (3) PSYC 2308 (3) PSYC 2314 (3) SOCI 1301 (3) COMM 1307 (3)	Psychology DC Child Development DC Lifespan Growth & Development DC Sociology DC Digital Design & Media Production: Newspaper I DC or Digital Design & Media Production: Yearbook I DC
Component Area Option	6	PSYC 1300 (3) BCIS 1305 (3) SPCH 1315 (3)	Interpersonal Skills DC (1 sem) Business Information Management I DC Professional Communications DC
Electives	16	May choose from all academic dual credit courses not used for 60 hours in core. May also apply up to 9 hours of WECM courses.	Courses offered: Math – 12 sch Life & Physical Science – 8 sch Language, Philosophy, Culture – 3 sch Creative Arts – 3 sch Social/Behavioral Sciences – 9 sch Multiple CTE (WECM) courses are identified on the dual credit chart in the Academic Information tab.
Total College Hours Required	60		Hours Available through TISD Academic Dual Credit Courses

* Students should meet with Texarkana College advisory staff to create their individual degree plan when pursuing an Associate's Degree while in high school and let Texas High know when completed. Associate Degrees in specific degrees are also available. Only 9 hours of WECM can count towards associate's degrees. WECM course may not earn credit towards a degree at some post-secondary institutions.

Degree Plan Requirements

To receive a high school diploma, a student must complete the following:

- 1) Requirements of the Foundation High School Program
- 2) State testing requirements
- 3) Demonstrated proficiency, as determined by the district in which the student is enrolled, at delivering clear verbal messages; choosing effective non-verbal behaviors; listening for desired results; applying valid critical thinking and problem-solving processes; identifying, analyzing, developing and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and profession presentations.

State Assessments Required for Graduation
English I
English II
Algebra I
Biology
U.S. History

In addition, 9th grade students must enroll in courses required for the foundation program and an endorsement area. The option of graduating under the foundation with no endorsement may occur only AFTER the student's tenth grade year, and specific procedures must be followed to waive the endorsement requirement. For more information, contact the Academic Advisor.

Endorsements

STEM	Business/Industry	Public Service	Arts & Humanities	Multidisciplinary Studies
Environmental Science; Technology; Engineering; Advanced Math	Database Management; Information Technology; Communications; Accounting; Finance; Marketing; Graphic Design; Architecture; Construction; Welding; HVAC; Logistics; Automotive Technology; Agricultural Science	Health Sciences & Occupations; Education & Training; Law Enforcement; Culinary Arts & Hospitality	Political Science; World Languages; Cultural Studies; English Literature; History; Fine Arts	Select courses from the curriculum of each of the other endorsement areas; Credits in a variety of advanced courses from multiple content areas sufficient to complete the distinguished level of achievement under the foundation program

For detailed information regarding course selections for each endorsement area, please refer to the four-year plans included in this course guide.

Distinguished Level of Achievement

Students may earn this distinction by completing the following:

- A total of four credits in math, including credit in Algebra II
- A total of four credits in science
- Completion of curriculum requirements for at least one endorsement

Performance Acknowledgments

Students may earn performance acknowledgments in five different areas.

- These acknowledgments are outlined on the following page.

Performance Acknowledgments

A student may earn a performance acknowledgment on the student's diploma and transcript for outstanding performance by successfully completing one of the following:

- 1) Outstanding Performance in a Dual Credit Course
- 2) Outstanding Performance in Bilingualism and Biliteracy
- 3) Outstanding Performance on a College Board Advanced Placement or International Baccalaureate Examination
- 4) Outstanding Performance on a College Entrance Exam
- 5) Outstanding Performance by Earning a Business or Industry Certification or License

ACKNOWLEDGMENT	REQUIREMENTS
OUTSTANDING PERFORMANCE IN A DUAL CREDIT COURSE	a) Successfully completing at least 12 hours of college academic courses with a grade of 3.0 or higher on a scale of 4.0 OR b) Earning an associate degree while in high school <i>Note: "College academic courses" include Texas core curriculum courses, advanced technical credit courses, and locally articulated courses.</i>
OUTSTANDING PERFORMANCE IN BILINGUALISM AND BILITERACY	a) Completing all English Language Arts requirements and maintaining a minimum grade point average of the equivalent of 80 on a scale of 100 AND b) Satisfying one of the following: <ul style="list-style-type: none"> ▪ Completing at least 3 credits in the same LOTE course with a minimum GPA of 80 OR ▪ Demonstrating proficiency in the TEKS for Level IV or higher in a LOTE course with a minimum GPA of 80 OR ▪ Completing at least 3 credits in foundation subject area courses in a language other than English with a minimum GPA of 80 OR ▪ Scoring a "3" or higher on an AP examination for a language other than English course OR ▪ Scoring a "4" or higher on an IB examination for a language other than English course OR ▪ Performing on a national assessment of language proficiency in a language other than English of at least Intermediate High or its equivalent AND c) Participating in and meeting the exit criteria for a bilingual or ESL program AND d) Scoring at the Advanced High level on the TELPAS
OUTSTANDING PERFORMANCE ON A COLLEGE BOARD ADVANCED PLACEMENT OR INTERNATIONAL BACCALAUREATE EXAMINATION	a) Earning a score of 3 or above on an AP examination OR b) Earning a score of 4 or above on an IB examination
OUTSTANDING PERFORMANCE ON A COLLEGE ENTRANCE EXAM	a) Earning a score on the PSAT/NMSQT that qualifies the student for recognition as a commended scholar or higher OR b) Achieving the college readiness benchmark score on at least two of the four subject tests on the ACT-PLAN examination OR c) Earning a combined critical reading and math score of at least 1250 on the SAT OR d) Earning a composite score on the ACT of 28 (excluding the writing subscore)
OUTSTANDING PERFORMANCE BY EARNING A BUSINESS OR INDUSTRY CERTIFICATION OR LICENSE	a) Performing on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification OR b) Performing on an examination sufficient to obtain a government-required credential to practice a profession

Foundation High School Program Requirements

Subject	TISD Foundation Requirements (26 Credits)
English Language Arts and Reading	<p>Four Credits Total</p> <p>Three Credits must consist of:</p> <ul style="list-style-type: none"> ▪ English I (1 credit) ▪ English II (1 credit) ▪ English III (1 credit) <p>One Credit* from:</p> <ul style="list-style-type: none"> ▪ English IV ▪ English IV DC ▪ AP English Literature and Composition ▪ Business English ▪ Practical Writing ▪ Creative Writing ▪ College Prep English <p>May substitute: English I and II for Speakers of Other Languages may be substituted for English I and II for students who are at the beginning or intermediate level of English language proficiency.</p>
Mathematics	<p>Three Credits Total</p> <p>Two Credits must consist of:</p> <ul style="list-style-type: none"> ▪ Algebra I ▪ Geometry <p>One Credit* from:</p> <ul style="list-style-type: none"> ▪ Mathematical Models with Applications ▪ Mathematical Applications in Agriculture, Food, and Natural Resources ▪ Digital Electronics ▪ Robotics Programming and Design ▪ Algebraic Reasoning ▪ Statistics** ▪ Algebra II ▪ Precalculus ▪ Advanced Quantitative Reasoning ▪ Independent Study in Mathematics ▪ Discrete Mathematics for Problem Solving ▪ Accounting II ▪ AP Statistics ▪ AP Calculus AB ▪ AP Calculus BC ▪ AP Computer Science ▪ IB Mathematical Studies Standard Level ▪ IB Mathematics Standard Level ▪ IB Mathematics Higher Level ▪ IB Further Mathematics Higher Level ▪ Engineering Mathematics ▪ Statistics and Risk Management ▪ Discrete Mathematics for Computer Science ▪ Math course endorsed by an IHE as a course for which the institution would award course credit or as a prerequisite for a course for which the institution would award course credit. Must be taken after Algebra II. (TEA will maintain a current list of courses offered.) ▪ Locally developed math course or other activity, including an apprenticeship or training hours needed to obtain an industry-recognized credential or certificate. Must be taken after Algebra I and Geometry. [(TEC) 28.002(g-1)] <p><i>*One full credit or a combination of two half credits</i></p>

Continued on next page

Degree Plan Requirements – Continued

Subject	TISD Foundation Requirements (26 Credits)
Science	<p>Three Credits Total</p> <p>One Credit must consist of:</p> <ul style="list-style-type: none"> ▪ Biology or ▪ AP Biology or ▪ IB Biology <p>One Credit must consist of:</p> <ul style="list-style-type: none"> ▪ Integrated Physics and Chemistry ▪ Chemistry ▪ AP Chemistry ▪ IB Chemistry ▪ Physics ▪ Principles of Technology ▪ AP Physics 1 ▪ IB Physics <p>One Credit from:</p> <ul style="list-style-type: none"> ▪ Chemistry ▪ Physics ▪ Aquatic Science ▪ Astronomy ▪ Earth and Space Science ▪ Environmental Systems ▪ AP Biology ▪ AP Chemistry ▪ AP Physics 1 ▪ AP Physics 2 ▪ AP Physics C ▪ AP Environmental Science ▪ IB Biology ▪ IB Chemistry ▪ IB Physics ▪ IB Environmental Systems ▪ Advanced Animal Science ▪ Advanced Plant and Soil Science ▪ Anatomy and Physiology ▪ Medical Microbiology ▪ Pathophysiology ▪ Food Science ▪ Forensic Science ▪ Advanced Biotechnology ▪ Principles of Technology ▪ Scientific Research and Design ▪ Engineering Design and Problem Solving ▪ Principles of Engineering ▪ Science course endorsed by an IHE as a course for which the institution would award course credit or as a prerequisite for a course for which the institution would award course credit. Must be taken after Physics. (TEA will maintain a current list of courses offered.) ▪ Locally developed science course or other activity, including an apprenticeship or training hours needed to obtain an industry-recognized credential or certificate. [(TEC) 28.002(g-1)] <p><i>Note: Credit may not be earned for both Physics and Principles of Technology to satisfy science credit requirements.</i></p>

Continued on next page

Degree Plan Requirements – Continued

Subject	TISD Foundation Requirements (26 Credits)
Social Studies	<p>Four Credits Total</p> <p>Three Credits must consist of:</p> <ul style="list-style-type: none"> ▪ World Geography (1 credit) or World History (1 credit) ▪ U.S. History (1 credit) ▪ U.S. Government (½ credit) ▪ Economics (½ credit) <p>One Credit from:</p> <ul style="list-style-type: none"> ▪ World Geography Studies ▪ World History Studies ▪ Psychology ▪ Sociology ▪ Special Topics Courses ▪ Advanced Studies Courses ▪ Social Studies Research Methods ▪ AP Human Geography ▪ AP Macroeconomics ▪ AP Microeconomics
Languages Other Than English	<p>Two Credits Total</p> <p>May choose from:</p> <ul style="list-style-type: none"> ▪ Any two levels in the same language or ▪ 2 credits in computer programming languages selected from Computer Science I, II, and III <p>*After completing the 1st LOTE credit, if a student demonstrates that he/she is unlikely to be able to complete the 2nd credit, the student may substitute one credit from the following:</p> <ul style="list-style-type: none"> ▪ Special Topics in Language and Culture (new course for 2014-15; no instructional materials until next LOTE adoption cycle) ▪ World History ▪ A level 1 course in another language other than English ▪ A computer programming language course <p>A student who is unable to complete two credits in LOTE due to a disability may substitute a combination of two credits from the following areas:</p> <ul style="list-style-type: none"> ▪ English Language Arts ▪ Mathematics ▪ Science ▪ Social Studies ▪ CTE ▪ Technology Applications <p><i>*Specific procedures must be followed for this determination.</i></p>
Physical Education	<p>One Credit Total</p> <p>May choose from:</p> <ul style="list-style-type: none"> ▪ Foundations of Personal Fitness ▪ Adventure in Outdoor Education ▪ Aerobic Activities ▪ Team or Individual Sports <p>May substitute from:*</p> <ul style="list-style-type: none"> ▪ Athletics ▪ Junior Reserve Officer Training Corps ▪ Drill Team ▪ Marching Band ▪ Cheerleading ▪ Private or commercially sponsored physical activity program at Olympic-level participation and/or competition; minimum of 15 hour/week; may be dismissed from school 1 hour/day** <p>***A student who is unable to participate in physical activity due to disability or illness may substitute an academic elective credit from the following areas:</p> <ul style="list-style-type: none"> ▪ English Language Arts ▪ Mathematics ▪ Science ▪ Social Studies <p><i>*No more than 4 substitution credits may be earned. All substitutions require 100 minutes per five-day school week of moderate to vigorous physical activity.</i></p> <p><i>**District must apply to commissioner of education for approval.</i></p> <p><i>***Specific procedures must be followed for this determination.</i></p>

Degree Plan Requirements – Continued

Subject	TISD Foundation Requirements (26 Credits)
<i>Fine Arts</i>	<p>One Credit Total</p> <p>May choose from:</p> <ul style="list-style-type: none"> ▪ Art, Level I, II, III, or IV ▪ Dance, Level I, II, III, or IV ▪ Music, Level I, II, III, or IV ▪ Theatre, Level I, II, III, or IV ▪ Floral Design ▪ Digital Art and Animation ▪ 3-D Modeling and Animation
<i>Career & Technology Education</i>	<p>Two Credits Total for Students entering Grade 9 2017-18 and thereafter One and One-half Credits For Students entering Grade 9 before 2017-18 May choose from any courses in Career and Technical Education</p>
<i>State Electives</i>	<p>Three Courses Total</p> <p>May choose from any courses in the following areas:</p> <ul style="list-style-type: none"> ▪ English Language Arts ▪ Mathematics ▪ Science ▪ Social Studies ▪ Languages Other Than English ▪ Health Education ▪ Physical Education ▪ Fine Arts ▪ Economics ▪ Technology Applications ▪ Career Development ▪ Career and Technical Education
<i>State or Local Electives</i>	<p>Three Courses Total</p> <p>May choose from any courses in the following areas:</p> <ul style="list-style-type: none"> ▪ English Language Arts ▪ Mathematics ▪ Science ▪ Social Studies ▪ Languages Other Than English ▪ Health Education ▪ Physical Education ▪ Fine Arts ▪ Economics ▪ Technology Applications ▪ Career Development ▪ Career and Technical Education ▪ Local Credit Courses



TEXAS HIGH SCHOOL

Four Year Graduation Plan

Endorsement:

- Multi-Disciplinary STEM
 Arts & Humanities
 Public Services Business & Industry

Date Created: _____

English/Language Arts (4 credits) <input type="checkbox"/> English I <input type="checkbox"/> English II <input type="checkbox"/> English III <input type="checkbox"/> English IV	Mathematics (4 credits) <input type="checkbox"/> Algebra I <input type="checkbox"/> Geometry <input type="checkbox"/> <input type="checkbox"/> <p style="text-align: center; font-size: small;">Alg and Geo required; Additional Math-Choose from Math Course List</p>	Science (4 credits) <input type="checkbox"/> Biology <input type="checkbox"/> IPC/Chemistry <input type="checkbox"/> <input type="checkbox"/> <p style="text-align: center; font-size: small;">Additional Science-Choose from Science Course List</p>
Social Studies (4 credits) <input type="checkbox"/> World Geography or World History <input type="checkbox"/> U.S. History <input type="checkbox"/> Government/Economics <input type="checkbox"/> <p style="text-align: center; font-size: small;">Additional Social Studies-Choose from SS Course List</p>	LOTE (2 credits) <input type="checkbox"/> <input type="checkbox"/>	Physical Education (1 credit) <input type="checkbox"/>
Fine Arts (1 credit) <input type="checkbox"/>	EOC Requirements <input type="checkbox"/> English I <input type="checkbox"/> English II <input type="checkbox"/> Algebra I <input type="checkbox"/> Biology <input type="checkbox"/> U.S. History	Distinguished Achievement <input type="checkbox"/> Complete an Endorsement <input type="checkbox"/> Complete Algebra II Performance Acknowledgements <input type="checkbox"/> Bilingualism/Bileteracy <input type="checkbox"/> Business & Industry Cert <input type="checkbox"/> Dual Credit <input type="checkbox"/> AP <input type="checkbox"/> PSAT, ACT, SAT
Electives (2 State or Local Credits) <input type="checkbox"/> <input type="checkbox"/>	CTE Electives (4 credits) <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
Career Goals:		
Program of Study:		
Post-Secondary Education Goals:		

Parent Signature _____

Student Signature _____

Pathways to Earn Endorsements

<p style="text-align: center;">Arts & Humanities</p> <p>American Sign Language 4 credits in ASL</p> <p>English Language Arts 7 English credits from list</p> <p>Fine Arts Music, Art, Theatre, Dance (4 credits)</p> <p>Languages Other Than English 4 levels of same language OR 2 levels from two different languages</p> <p>Social Studies 5 Social Studies credits</p>	<p style="text-align: center;">Multidisciplinary</p> <p>-Four Advanced Courses</p> <p>-Four Credits in English, Math, Science, and Social Studies Including English IV and Chemistry and/or Physics</p> <p>-Four Credits in Advanced Placement or Dual Credit</p>
<p style="text-align: center;">Business & Industry</p> <p>CTE Agriculture</p> <p>CTE Architecture & Construction</p> <p>CTE Arts, A/V Technology, & Communications</p> <p>CTE Business Administration</p> <p>CTE Finance</p> <p>CTE Hospitality & Tourism</p> <p>CTE Information Technology</p> <p>CTE Manufacturing</p> <p>CTE Marketing</p> <p>CTE Transportation</p> <p>Debate</p> <p>Newspaper</p> <p>Public Speaking</p> <p>Yearbook</p>	<p style="text-align: center;">Public Service</p> <p>CTE Education & Training</p> <p>CTE Health Science Technology</p> <p>CTE Human Services</p> <p>CTE Law & Public Safety</p> <hr/> <p style="text-align: center;">STEM</p> <p>CTE Mathematics (Algebra II) Multi-Focus Science (Physics)</p>

Freshman Course Selection Sheet
Texas High School
2022-2023

Student: _____

I.D.: _____

Parent Signature: _____

Date: _____

INSTRUCTIONS:

1. Place an X on the line beside the course selection. Mark at least 8 selections for each semester. Electives should be considered based upon Endorsement selection.

(* Indicates semester course; ** Indicates application required)

2. Select five additional alternate courses. Designate your order of preference by marking your first alternate choice as "A1," your second as "A2," your third as "A3," your fourth as "A4," and your fifth as "A5." Elective choices are not guaranteed.

3. Both you and your parent/guardian must sign this form.

4. Applications for schedule changes may be submitted for consideration but are subject to administrative approval. **These selections are final after June 23, 2022.**

5. Dual Credit [DC] courses require Texas Success Initiative [TSI] College Readiness qualifying scores.

-- CORE Subject Areas --

(4) CORE Classes Each Year

English Language Arts (Select 1)

- _____ 141001 English I
- _____ 141011 Pre-AP English I

Mathematics (Select 1)

- _____ 171001 Algebra I
- _____ 171030 Pre-AP Algebra I
- _____ 171010 Geometry
- _____ 171020 Pre-AP Geometry
- _____ 172030 Algebra II
- _____ 172040 Algebra II Honors

Science (Select 1)

- _____ 201010 Biology
- _____ 201020 Pre-AP Biology
- _____ 201000 Integrated Physics & Chemistry (IPC)

Social Studies (Select 1)

- _____ 211001 World Geography
- _____ 211011 Pre-AP World Geography
- _____ 212020 World History

-- Physical Education --

Graduation Requirement = 1 credit minimum

2-Sport Athletes - Mark BOTH Sports

- _____ 181000/181010 PE (General)
- _____ 191200 Baseball
- _____ 191240 Basketball - Girls
- _____ 191260 Cross Country - Boys
- _____ 192280 Cross Country - Girls
- _____ 191310 Football
- _____ 191330 Golf
- _____ 191350 Soccer - Boys
- _____ 191370 Soccer - Girls

- _____ 191380 Softball
- _____ 191390 Swimming
- _____ 191391 Diving
- _____ 191401 Tennis - Boys (JV)
- _____ 191402 Tennis - Girls (JV)
- _____ 191420 Track & Field - Boys*
- _____ 191430 Track & Field - Girls
- _____ 191440 Volleyball

-- Languages Other Than English --

Graduation Requirement = 2 credits from SAME LOTE

- _____ 151120 American Sign Language I
- _____ 221000 Computer Science I
- _____ 151000 French I
- _____ 151010 French II
- _____ 151160 French II Honors

- _____ 151040 Spanish I
- _____ 151050 Spanish II
- _____ 151170 Spanish II Honors
- _____ 151180 Spanish II Honors for Spanish Speakers
- _____ **Latin I available 2023-24 School Year**

-- Fine Arts --

Graduation Requirement = 1 credit minimum

- _____ 071000 Art I
- _____ 073270 Art Appreciation
- _____ 073280 Art Appreciation DC
- _____ 073190 AP Art History
- _____ 091060 Choir I
- _____ 081011 Dance I
- _____ 091320 Music Appreciation
- _____ 091080 Music Appreciation DC
- _____ 091040 Piano I
- _____ 091000 Band I (Must be in TMS Band)

- _____ 091050 Jazz Ensemble I
- _____ 091020 Brass Ensemble I
- _____ 091030 Percussion Ensemble I
- _____ 091010 Wood Winds Ensemble I
- _____ 081010 Color Guard I
- _____ 091380 Orchestra I
- _____ 101000 Theatre Arts I
- _____ 101300 Pre-AP Theatre I
- _____ 101200 Theatre Arts I DC
- _____ 311011 Introduction to Technical Theatre

-- Career & Technology Electives --
Graduation Requirement = 2 credits minimum

Agriculture, Food & Natural Resources

- _____ 301000 Principles of Agriculture, Food & Natural Resources
- _____ 301010 Wildlife Fisheries & Ecology Management
- _____ 303040 Floral Design

Architecture & Construction

- _____ 311000 Principles Architecture
- _____ 311010 Principles of Construction

Arts, AV Technology & Communications

- _____ 322010 TigerVision I
- _____ 322130 TigerVision I DC
- _____ 321090 Graphic Design & Illustration
- _____ 321120 Professional Communications*
- _____ 041250 Video Game Programming

Business, Marketing & Finance

- _____ 331000 Principles of Business Management & Administration
- _____ 331020 Business Information Management I
- _____ 333030 Business Information Management I DC
- _____ 431000 Fashion Marketing*
- _____ 431010 Sports & Entertainment Marketing*
- _____ 431020 Social Media Marketing*
- _____ 331010 Touch Systems Data Entry*

Education & Training

- _____ 341000 Principles of Education & Training

Health Science

- _____ 372010 Principles of Health Science
- _____ 041400 Introduction to Imaging
- _____ 371000 Medical Terminology

Hospitality & Tourism

- _____ 381000 Principles of Hospitality & Tourism
- _____ 381020 Introduction to Culinary Arts

Human Services

- _____ 391000 Principles of Human Services
- _____ 391080 Interpersonal Studies*
- _____ 391090 Lifetime Nutrition & Wellness*

Information Technology

- _____ 401000 Principles of Information Technology
- _____ 403080 Digital Media
- _____ 041200 Introduction to C# Programming Applications
- _____ 041210 Introduction to C# Programming Applications DC
- _____ 401200 Web Communications*
- _____ 403090 Web Design
- _____ 401300 Web Design DC

Law & Public Service

- _____ 411000 Principles of Law, Public Safety, Corrections & Security
- _____ 411050 Principles of Law, Public Safety, Corrections & Security DC

Science, Technology, Engineering & Math

- _____ 441050 Principles of Applied Engineering
- _____ 177020 AP Computer Science Principles
- _____ 401060 Computer Science I-Python DC
- _____ 441000 Engineering Design & Presentation
- _____ 441110 Robotics I

Transportation, Distribution & Logistics

- _____ 451000 Principles of Transportation Systems
- _____ 452060 Small Engine Technology

-- Other Electives --

- _____ 131120 Debate I
- _____ 131080 Photojournalism

<p>-- REACH Program --</p> <p>*Please have your campus' REACH Teacher sign below.*</p> <p>REACH I (281000): _____</p>

<p>-- Student Checklist --</p> <p><input type="checkbox"/> English</p> <p><input type="checkbox"/> Math</p> <p><input type="checkbox"/> Science</p> <p><input type="checkbox"/> Social Studies</p> <p><input type="checkbox"/> PE</p> <p><input type="checkbox"/> LOTE</p> <p><input type="checkbox"/> Fine Art</p> <p><input type="checkbox"/> CTE</p> <p><input type="checkbox"/> Alternate #1</p> <p><input type="checkbox"/> Alternate #2</p> <p><input type="checkbox"/> Alternate #3</p> <p><input type="checkbox"/> Alternate #4</p> <p><input type="checkbox"/> Alternate #5</p>

NONDISCRIMINATION POLICY

The policy of the Texarkana Independent School District is to comply fully with the nondiscrimination provisions of all state and federal laws and regulations by assuring that students are afforded equal access to regular, vocational, special education programs, and activities without regard to race, religion, color, national origin, sex, or handicapping conditions as provided in these laws and regulations.

Student Signature _____

<p>-- For Advisor Use Only --</p> <p>Program of Study: _____</p> <p>Endorsement: _____</p>

Sophomore Course Selection Sheet
Texas High School
2022-2023

Student: _____

I.D.: _____

Parent Signature: _____

Date: _____

INSTRUCTIONS:

1. Place an X on the line beside the course selection. Mark at least 8 selections for each semester. Electives should be considered based upon Endorsement selection.

(* Indicates semester course; ** Indicates application required)

2. Select five additional alternate courses. Designate your order of preference by marking your first alternate choice as "A1," your second as "A2," your third as "A3," your fourth as "A4," and your fifth as "A5." Elective choices are not guaranteed.

3. Both you and your parent/guardian must sign this form.

4. Applications for schedule changes may be submitted for consideration but are subject to administrative approval. **These selections are final after June 23, 2022.**

5. Dual Credit [DC] courses require Texas Success Initiative [TSI] College Readiness qualifying scores.

-- CORE Subject Areas --

(4) CORE Classes Each Year

English Language Arts (Select 1)

_____ 141001 English I
 _____ 142020 English II
 _____ 142030 Pre-AP English II

Mathematics (Select 1)

_____ 171001 Algebra I
 _____ 172200 Algebraic Reasoning
 _____ 171010 Geometry
 _____ 171020 Pre-AP Geometry
 _____ 173100 Math Models
 _____ 172100 Financial Math
 _____ 172030 Algebra II
 _____ 172040 Algebra II Honors
 _____ 443100 Engineering Math
 _____ 172220 Statistics
 _____ 173210 Advanced Quantitative Reasoning (Statistics) DC
 _____ 173090 AP Statistics
 _____ 171190 College Algebra DC
 _____ 173060 Precalculus
 _____ 173070 Precalculus Honors
 _____ 173160 Precalculus DC
 _____ 353040 Statistics & Business Decision Making DC

Science (Select 1)

_____ 201010 Biology
 _____ 201020 Pre-AP Biology
 _____ 201000 Integrated Physics & Chemistry
 _____ 202040 Chemistry
 _____ 202050 Pre-AP Chemistry
 _____ 202100 Aquatic Science
 _____ 203220 Physics
 _____ 203080 Physics Honors

Social Studies (Select 1)

_____ 211001 World Geography
 _____ 211011 Pre-AP World Geography
 _____ 212020 World History
 _____ 212290 AP World History
 _____ 213340 World Civilizations I DC*
 _____ 213350 World Civilizations II DC*

-- Physical Education --

Graduation Requirement = 1 credit minimum

2-Sport Athletes - Mark BOTH Sports

_____ 181000/181010 PE (General)
 _____ 181080/181090 Partner PE**
 _____ 192210 Baseball (V)
 _____ 192230 Basketball - Boys (V)
 _____ 192250 Basketball - Girls (V)
 _____ 191260 Cross Country - Boys
 _____ 192280 Cross Country - Girls
 _____ 192320 Football (V)
 _____ 191330 Golf
 _____ 192360 Soccer - Boys (V)

_____ 191370 Soccer - Girls
 _____ 191380 Softball
 _____ 191390 Swimming
 _____ 191391 Diving
 _____ 191401 Tennis - Boys (JV)
 _____ 191402 Tennis - Girls (JV)
 _____ 192410 Tennis (V)
 _____ 191420 Track & Field - Boys*
 _____ 191430 Track & Field - Girls
 _____ 192450 Volleyball (V)

-- Languages Other Than English --

Graduation Requirement = 2 credits from SAME LOTE

_____ 151120 American Sign Language I
 _____ 152130 American Sign Language II
 _____ 221000 Computer Science I
 _____ 222000 Computer Science II
 _____ 151000 French I
 _____ 151010 French II
 _____ 151160 French II Honors
 _____ 152060 French III Honors

_____ 151210 Latin II Honors
 _____ 151040 Spanish I
 _____ 151050 Spanish II
 _____ 151170 Spanish II Honors
 _____ 151180 Spanish II Honors for Spanish Speakers
 _____ 152100 Spanish III Honors
 Latin I available 2023-24 School Year

-- Fine Arts --

Graduation Requirement = 1 credit minimum

071000	Art I	091020	Brass Ensemble I
072010	Art II Drawing	092100	Brass Ensemble II
072020	Art II Painting	091030	Percussion Ensemble I
072030	Art II Sculpture	092110	Percussion Ensemble II
072280	Art II Drawing Honors	091010	Wood Winds Ensemble I
072290	Art II Painting Honors	092090	Wood Winds Ensemble II
072300	Art II Sculpture Honors	082000	Color Guard II
073270	Art Appreciation	091380	Orchestra I
073280	Art Appreciation DC	092000	Orchestra II
073190	AP Art History	102200	Musical Theatre I
091060	Choir I	101000	Theatre Arts I
092140	Choir II	101300	Pre-AP Theatre I
081011	Dance I	101200	Theatre Arts I DC
082011	Dance II	102020	Theatre Arts II
091320	Music Appreciation	102010	Theatre Arts II DC
091080	Music Appreciation DC	101010	Theatre Production I
091040	Piano I	102030	Theatre Production II
092120	Piano II	101080	Technical Theatre I
091000	Band I	101020	Technical Theatre I DC
092080	Band II	102110	Technical Theatre II-Stagecraft
091050	Jazz Ensemble I		
092130	Jazz Ensemble II		

-- Career & Technology Electives --

Graduation Requirement = 2 credits minimum

Agriculture, Food & Natural Resources

301000	Principles of Agriculture, Food & Natural Resources
302200	Equine Science*
302210	Equine Science DC*
302080	Livestock Production
303080	Livestock Productions DC
301070	Small Animal Management*
302070	Small Animal Management DC*
302100	Forestry & Woodland Ecosystem
302150	Range Ecology & Management
301010	Wildlife Fisheries & Ecology Management
303040	Floral Design
303140	Advanced Floral Design
301020	Horticulture Science
302030	Landscape Design & Management*
301050	Agricultural Mechanics & Metal Technology
302060	Agriculture Power Systems (2 periods)

Architecture & Construction

311000	Principles Architecture
312010	Architectural Design I
311040	Interior Design
311010	Principles of Construction
311150	Principles of Construction DC
312110	Building Maintenance Technology I (2 periods)
312070	Construction Management I (2 periods)
312080	Construction Technology I (2 periods)
312160	Construction Technology I DC (2 periods)
312300	Electrical Technology I
312200	Mill & Cabinetmaking Technology (2 periods)

Arts, AV Technology & Communications

323070	Commercial Photography I
321040	Fashion Design I
321090	Graphic Design & Illustration
323100	Graphic Design & Illustration II
321120	Professional Communications*
322400	eSports
322011	Student Media I
322131	Student Media I DC
323021	Student Media II (2 periods)
323141	Student Media II DC (2 periods)
322010	TigerVision I
322130	TigerVision I DC
323020	TigerVision II (2 periods)
323140	TigerVision II DC (2 periods)
041250	Video Game Programming

Business, Marketing & Finance

331000	Principles of Business Management & Administration
352000	Accounting I
352050	Accounting I DC
352020	Banking & Financial Services*
331020	Business Information Management I
333030	Business Information Management I DC
332040	Business Information Management II
333080	Business Management
431000	Fashion Marketing*
431020	Social Media Marketing*
431010	Sports & Entertainment Marketing*
331010	Touch Systems Data Entry*

Education & Training

341000	Principles of Education & Training
342010	Human Growth & Development

Health Science

372010	Principles of Health Science
373020	Health Science Theory
041400	Introduction to Imaging
371000	Medical Terminology

Hospitality & Tourism

381000	Principles of Hospitality & Tourism
381020	Introduction to Culinary Arts
381090	Culinary Arts (2 periods)**
383070	Culinary Arts DC (2 periods)**

Human Services

391000	Principles of Human Services
391020	Child Development
393030	Child Development DC
042300	Child Development Associate Foundation DC
391070	Family & Community Services
391080	Interpersonal Studies*
252500	Interpersonal Studies DC*
391090	Lifetime Nutrition & Wellness*

-- Career & Technology Electives (continued) --

Information Technology

- _____ 401000 Principles of Information Technology
- _____ 403010 Computer Maintenance
- _____ 403080 Digital Media
- _____ 041200 Introduction to C# Programming Applications
- _____ 041210 Introduction to C# Programming Applications DC
- _____ 401200 Web Communications*
- _____ 403090 Web Design
- _____ 401300 Web Design DC

Law & Public Service

- _____ 411000 Principles of Law, Public Safety, Corrections & Security
- _____ 411050 Principles of Law, Public Safety, Corrections & Security DC
- _____ 412000 Correctional Services
- _____ 412010 Correctional Services DC
- _____ 413010 Court Systems & Practices

Science, Technology, Engineering & Math

- _____ 441050 Principles of Applied Engineering
- _____ 177020 AP Computer Science Principles
- _____ 401060 Computer Science I-Python DC
- _____ 442300 Digital Forensics
- _____ 441000 Engineering Design & Presentation
- _____ 442010 Engineering Design & Problem Solving
- _____ 222100 Mobile Application Development
- _____ 441110 Robotics I

Transportation, Distribution & Logistics

- _____ 451000 Principles of Transportation Systems
- _____ 451080 Energy & Power of Transportation
- _____ 452060 Small Engine Technology

-- Other Electives --

- _____ 131080 Photojournalism
- _____ 132040 Newspaper I
- _____ 132030 Newspaper I DC
- _____ 132010 Yearbook I
- _____ 132020 Yearbook I DC
- _____ 041100 Army S.T.A.R. Program I
- _____ 131120 Debate I
- _____ 132130 Debate II
- _____ 132500 Public Speaking I
- _____ 282010 Sports Medicine I

-- REACH Program --

If you would like to be in the REACH Program at Texas High School, please have your campus' REACH Teacher sign below.

REACH II (282001): _____

-- Student Checklist --

- English**
- Math**
- Science**
- Social Studies**
- Choice #5**
- Choice #6**
- Choice #7**
- Choice #8**

- Alternate #1**
- Alternate #2**
- Alternate #3**
- Alternate #4**
- Alternate #5**

NONDISCRIMINATION POLICY

The policy of the Texarkana Independent School District is to comply fully with the nondiscrimination provisions of all state and federal laws and regulations by assuring that students are afforded equal access to regular, vocational, special education programs, and activities without regard to race, religion, color, national origin, sex, or handicapping conditions as provided in these laws and regulations.

Student Signature

-- For Advisor Use Only --

Program of Study: _____

Endorsement: _____

Junior Course Selection Sheet
Texas High School
2022-2023

Student: _____

I.D.: _____

Parent Signature: _____

Date: _____

INSTRUCTIONS:

1. Place an X on the line beside the course selection. Mark at least 8 selections for each semester. Electives should be considered based upon Endorsement selection.

(* Indicates semester course; ** Indicates application required)

2. Select five additional alternate courses. Designate your order of preference by marking your first alternate choice as "A1," your second as "A2," your third as "A3," your fourth as "A4," and your fifth as "A5." Elective choices are not guaranteed.

3. Both you and your parent/guardian must sign this form.

4. Applications for schedule changes may be submitted for consideration but are subject to administrative approval. **These selections are final after June 23, 2022.**

5. Dual Credit [DC] courses require Texas Success Initiative [TSI] College Readiness qualifying scores.

-- CORE Subject Areas --

(4) CORE Classes Each Year

English Language Arts (Select 1)

_____ 142020 English II
_____ 143040 English III
_____ 143050 AP English III

Mathematics (Select 1)

_____ 171010 Geometry
_____ 173100 Math Models
_____ 172100 Financial Math
_____ 172030 Algebra II
_____ 172040 Algebra II Honors
_____ 443100 Engineering Math
_____ 173010 Applied Math for Technical Professionals DC
_____ 172220 Statistics
_____ 173210 Advanced Quantitative Reasoning (Statistics) DC
_____ 173090 AP Statistics
_____ 171190 College Algebra DC
_____ 173060 Precalculus
_____ 173070 Precalculus Honors
_____ 173160 Precalculus DC
_____ 353030 Statistics & Business Decision Making
_____ 353040 Statistics & Business Decision Making DC
_____ 173280 Calculus Honors
_____ 174080 AP Calculus AB
_____ 173020 AP Calculus BC

Science (Select 1)

_____ 201010 Biology
_____ 202040 Chemistry
_____ 202050 Pre-AP Chemistry
_____ 373070 Anatomy & Physiology
_____ 202100 Aquatic Science
_____ 203120 Astronomy
_____ 443080 Biology II DC

Science (continued)

_____ 203030 AP Biology II
_____ 443090 Chemistry II DC
_____ 203060 AP Chemistry II
_____ 203230 Earth and Space Science
_____ 203150 AP Environmental Science
_____ 382060 Food Science
_____ 413080 Forensic Science Honors
_____ 203220 Physics
_____ 203080 Physics Honors
_____ 203020 Physics I DC
_____ 203010 AP Physics I
_____ 204020 AP Physics C: Mechanics

Social Studies (Select 1)

_____ 211001 World Geography
_____ 212020 World History
_____ 212290 AP World History
_____ 213340 World Civilizations I DC*
_____ 213350 World Civilizations II DC*
_____ 213040 US History
_____ 213060 US History DC
_____ 213050 AP US History

Social Studies (Electives)

_____ 213300 African American Studies*
_____ 214200 AP European History
_____ 213280 AP Human Geography*
_____ 213310 Philosophy*
_____ 214140 Psychology*
_____ 214150 Psychology DC*
_____ 214270 AP Psychology*
_____ 214160 Sociology*
_____ 213360 Texas State & Local Government DC*
_____ 213320 World War II*

-- Physical Education --

Graduation Requirement = 1 credit minimum

2-Sport Athletes - Mark BOTH Sports

_____ 181000/181010 PE (General)	_____ 191370 Soccer - Girls
_____ 181080/181090 Partner PE**	_____ 191380 Softball
_____ 192210 Baseball (V)	_____ 191390 Swimming
_____ 192230 Basketball - Boys (V)	_____ 191391 Diving
_____ 192250 Basketball - Girls (V)	_____ 191401 Tennis - Boys (JV)
_____ 191260 Cross Country - Boys	_____ 191402 Tennis - Girls (JV)
_____ 192280 Cross Country - Girls	_____ 192410 Tennis (V)
_____ 192320 Football (V)	_____ 191420 Track & Field - Boys*
_____ 191330 Golf	_____ 191430 Track & Field - Girls
_____ 192360 Soccer - Boys (V)	_____ 192450 Volleyball (V)

-- Languages Other Than English --

Graduation Requirement = 2 credits from SAME LOTE

_____ 151120 American Sign Language I	_____ 152060 French III Honors
_____ 152130 American Sign Language II	_____ 153070 AP French IV
_____ 153140 American Sign Language III	_____ 151210 Latin II Honors
_____ 221000 Computer Science I	_____ 151040 Spanish I
_____ 222000 Computer Science II	_____ 151050 Spanish II
_____ 223000 Computer Science III Honors	_____ 151170 Spanish II Honors
_____ 151000 French I	_____ 151180 Spanish II Honors for Spanish Speakers
_____ 151010 French II	_____ 152100 Spanish III Honors
_____ 151160 French II Honors	_____ 153110 AP Spanish IV

-- Fine Arts --

Graduation Requirement = 1 credit minimum

_____ 071000 Art I	_____ 091020 Brass Ensemble I
_____ 072010 Art II Drawing	_____ 092100 Brass Ensemble II
_____ 072020 Art II Painting	_____ 093180 Brass Ensemble III
_____ 072030 Art II Sculpture	_____ 091030 Percussion Ensemble I
_____ 072280 Art II Drawing Honors	_____ 092110 Percussion Ensemble II
_____ 072290 Art II Painting Honors	_____ 093190 Percussion Ensemble III
_____ 072300 Art II Sculpture Honors	_____ 091010 Wood Winds Ensemble I
_____ 073040 Art III Drawing	_____ 092090 Wood Winds Ensemble II
_____ 073050 Art III Painting	_____ 093170 Wood Winds Ensemble III
_____ 073060 Art III Sculpture	_____ 083000 Color Guard III
_____ 073070 AP Studio Art: Drawing	_____ 091380 Orchestra I
_____ 073080 AP Studio Art: 2D Design	_____ 092000 Orchestra II
_____ 073090 AP Studio Art: 3D Design	_____ 093000 Orchestra III
_____ 073270 Art Appreciation	_____ 102200 Musical Theatre I
_____ 073280 Art Appreciation DC	_____ 101000 Theatre Arts I
_____ 073190 AP Art History	_____ 101300 Pre-AP Theatre I
_____ 091060 Choir I	_____ 101200 Theatre Arts I DC
_____ 092140 Choir II	_____ 102020 Theatre Arts II
_____ 081011 Dance I	_____ 102010 Theatre Arts II DC
_____ 082011 Dance II	_____ 103040 Theatre Arts III
_____ 091320 Music Appreciation	_____ 103060 Theatre Arts III DC
_____ 091080 Music Appreciation DC	_____ 101010 Theatre Production I
_____ 091040 Piano I	_____ 102030 Theatre Production II
_____ 092120 Piano II	_____ 103050 Theatre Production III
_____ 093200 Piano III	_____ 101080 Technical Theatre I
_____ 091000 Band I	_____ 101020 Technical Theatre I DC
_____ 092080 Band II	_____ 102090 Technical Theatre II
_____ 093160 Band III	_____ 103030 Technical Theatre II DC
_____ 093010 Band III DC	_____ 102110 Technical Theatre II-Stagecraft
_____ 091050 Jazz Ensemble I	_____ 103110 Technical Theatre III-Stagecraft
_____ 092130 Jazz Ensemble II	
_____ 093210 Jazz Ensemble III	

-- Career & Technology Electives --

Graduation Requirement = 2 credits minimum

Agriculture, Food & Natural Resources

_____	301000	Principles of Agriculture, Food & Natural Resources
_____	302200	Equine Science*
_____	302210	Equine Science DC*
_____	302080	Livestock Production
_____	303080	Livestock Productions DC
_____	301070	Small Animal Management*
_____	302070	Small Animal Management DC*
_____	304100	Advanced Animal Science
_____	303090	Veterinary Medical Applications
_____	302100	Forestry & Woodland Ecosystem
_____	302150	Range Ecology & Management
_____	301010	Wildlife Fisheries & Ecology Management
_____	303040	Floral Design
_____	303140	Advanced Floral Design
_____	301020	Horticulture Science
_____	302030	Landscape Design & Management*
_____	301050	Agricultural Mechanics & Metal Technology
_____	302060	Agriculture Power Systems (2 periods)
_____	302000	Agricultural Structures Design & Fabrication
_____	303100	Practicum in Agri, Food & Natural Resources (2 periods)

Architecture & Construction

_____	311000	Principles Architecture
_____	312010	Architectural Design I
_____	313020	Architectural Design II (2 periods)
_____	311040	Interior Design
_____	312050	Interior Design II (2 periods)
_____	311010	Principles of Construction
_____	311150	Principles of Construction DC
_____	312110	Building Maintenance Technology I (2 periods)
_____	312070	Construction Management I (2 periods)
_____	312080	Construction Technology I (2 periods)
_____	312160	Construction Technology I DC (2 periods)
_____	313090	Construction Technology II DC (2 periods)
_____	312300	Electrical Technology I
_____	443200	Electrical Technology I DC
_____	312200	Mill & Cabinetmaking Technology (2 periods)
_____	313130	HVAC & Refrigeration Technology I DC

Arts, AV Technology & Communications

_____	323070	Commercial Photography I
_____	324080	Commercial Photography II**
_____	324090	Commercial Photography II DC (2 periods)**
_____	321040	Fashion Design I
_____	322050	Fashion Design II
_____	321090	Graphic Design & Illustration
_____	323100	Graphic Design & Illustration II
_____	324110	Practicum in Graphic Design & Illustration I (2 periods)
_____	322400	eSports
_____	321120	Professional Communications*
_____	322011	Student Media I
_____	322131	Student Media I DC
_____	323021	Student Media II (2 periods)
_____	323141	Student Media II DC (2 periods)
_____	324031	Practicum in Student Media I (2 periods)
_____	324151	Practicum in Student Media I DC (2 periods)
_____	322010	TigerVision I
_____	322130	TigerVision I DC
_____	323020	TigerVision II (2 periods)
_____	323140	TigerVision II DC (2 periods)
_____	324030	Practicum in TigerVision I (2 periods)
_____	324150	Practicum in TigerVision I DC (2 periods)
_____	041250	Video Game Programming

Business, Marketing & Finance

_____	331000	Principles of Business Management & Administration
_____	352000	Accounting I
_____	352050	Accounting I DC
_____	353010	Accounting II
_____	353060	Accounting II DC
_____	352020	Banking & Financial Services*
_____	331020	Business Information Management I
_____	333030	Business Information Management I DC
_____	332040	Business Information Management II
_____	333070	Business Law
_____	333080	Business Management
_____	431000	Fashion Marketing*
_____	431020	Social Media Marketing*
_____	431010	Sports & Entertainment Marketing*
_____	331010	Touch Systems Data Entry*
_____	043400	Practicum in Entrepreneurship (2 periods)

Education & Training

_____	341000	Principles of Education & Training
_____	342010	Human Growth & Development
_____	343200	Human Growth & Development DC
_____	343020	Instructional Practices (2 periods)

Health Science

_____	372010	Principles of Health Science
_____	373020	Health Science Theory
_____	371000	Medical Terminology
_____	373050	Pharmacology
_____	373060	Pharmacology DC
_____	373400	PHS I: EKG/Phlebotomy (2 periods)
_____	374040	PHS I: Pharmacy Tech (2 periods)
_____	373340	PHS I: Pharmacy Tech DC (2 periods)
_____	374050	PHS I: CNA DC (2 periods)

Hospitality & Tourism

_____	381000	Principles of Hospitality & Tourism
_____	381090	Culinary Arts (2 periods)**
_____	383070	Culinary Arts DC (2 periods)**
_____	382000	Advanced Culinary Arts (2 periods)
_____	384080	Advanced Culinary Arts DC (2 periods)

Human Services

_____	391000	Principles of Human Services
_____	391020	Child Development
_____	393030	Child Development DC
_____	042300	Child Development Associate Foundation DC
_____	393040	Child Guidance (2 periods)
_____	391010	Dollars & Sense*
_____	391070	Family & Community Services
_____	391080	Interpersonal Studies*
_____	252500	Interpersonal Studies DC*
_____	391090	Lifetime Nutrition & Wellness*
_____	393000	Practicum in Human Services (2 periods)
_____	393050	Introduction to Cosmetology DC
_____	393100	Cosmetology I DC (2 periods)

-- Career & Technology Electives (continued) --

Information Technology

- _____ 401000 Principles of Information Technology
- _____ 403010 Computer Maintenance
- _____ 403080 Digital Media
- _____ 403000 Internetworking Technologies I
- _____ 403030 Internetworking Technologies I DC
- _____ 041200 Introduction to C# Programming Applications
- _____ 041210 Introduction to C# Programming Applications DC
- _____ 401200 Web Communications*
- _____ 403090 Web Design
- _____ 401300 Web Design DC
- _____ 403200 Practicum in Information Technology (2 periods)
- _____ 403250 Practicum in Information Technology DC (2 periods)

Law & Public Service

- _____ 411000 Principles of Law, Public Safety, Corrections & Security
- _____ 411050 Principles of Law, Public Safety, Corrections & Security DC
- _____ 043300 Advanced Legal Skills & Professions
- _____ 412000 Correctional Services
- _____ 412010 Correctional Services DC
- _____ 413010 Court Systems & Practices
- _____ 413030 Law Enforcement I

Manufacturing

- _____ 423000 Welding I DC (2 periods)

Science, Technology, Engineering & Math

- _____ 443030 AC/DC Electronics DC
- _____ 177020 AP Computer Science Principles
- _____ 401060 Computer Science I-Python DC
- _____ 442300 Digital Forensics
- _____ 441000 Engineering Design & Presentation
- _____ 442010 Engineering Design & Problem Solving
- _____ 222100 Mobile Application Development
- _____ 441110 Robotics I

Transportation, Distribution & Logistics

- _____ 451000 Principles of Transportation Systems
- _____ 452030 Aircraft Airframe Technology I
- _____ 453010 Automotive Technology I DC (2 periods)
- _____ 453100 Collision Repair DC (2 periods)
- _____ 451080 Energy & Power of Transportation
- _____ 452060 Small Engine Technology

-- Work Study Program --

For more information, see Mrs. Hamilton in Room 6

- _____ 463010 Career Preparation I (Work Study)
- _____ 463020 Career Preparation I DC (Work Study)

-- Other Electives --

- | | |
|---|--|
| <ul style="list-style-type: none"> _____ 132040 Newspaper I _____ 132030 Newspaper I DC _____ 133050 Newspaper II _____ 133040 Newspaper II DC _____ 132010 Yearbook I _____ 132020 Yearbook I DC _____ 133020 Yearbook II _____ 133030 Yearbook II DC _____ 283100 AP Seminar _____ 041100 Army S.T.A.R. Program I | <ul style="list-style-type: none"> _____ 131120 Debate I _____ 132130 Debate II _____ 134140 Debate III _____ 043000 Tiger Pals I (1st year)** _____ 132500 Public Speaking I _____ 133510 Public Speaking II _____ 282010 Sports Medicine I _____ 283030 Sports Medicine II _____ 133420 Visual Media Analysis & Production* |
|---|--|

<p>-- Leadership Program --</p> <p>*For Interest Inventory, see Mrs. Waldrep in Room 65*</p> <ul style="list-style-type: none"> _____ 041000 Leadership Skills** 	<p>-- REACH Program --</p> <p>*Please have your campus' REACH Teacher sign below.*</p> <p>REACH III (283002) _____</p>
---	--

-- Student Checklist --

- English**
- Math**
- Science**
- Social Studies**
- Choice #5**
- Choice #6**
- Choice #7**
- Choice #8**

- Alternate #1**
- Alternate #2**
- Alternate #3**
- Alternate #4**
- Alternate #5**

NONDISCRIMINATION POLICY

The policy of the Texarkana Independent School District is to comply fully with the nondiscrimination provisions of all state and federal laws and regulations by assuring that students are afforded equal access to regular, vocational, special education programs, and activities without regard to race, religion, color, national origin, sex, or handicapping conditions as provided in these laws and regulations.

Student Signature _____

-- For Advisor Use Only --

Program of Study: _____

Endorsement: _____

Senior Course Selection Sheet
Texas High School
2022-2023

Student: _____

I.D.: _____

Parent Signature: _____

Date: _____

INSTRUCTIONS:

1. Place an X on the line beside the course selection. Mark at least 8 selections for each semester. Electives should be considered based upon Endorsement selection.
- (* Indicates semester course; ** Indicates application required)
2. Select five additional alternate courses. Designate your order of preference by marking your first alternate choice as "A1," your second as "A2," your third as "A3," your fourth as "A4," and your fifth as "A5." Elective choices are not guaranteed.
3. Both you and your parent/guardian must sign this form.
4. Applications for schedule changes may be submitted for consideration but are subject to administrative approval. **These selections are final after June 23, 2022.**
5. Dual Credit [DC] courses require Texas Success Initiative [TSI] College Readiness qualifying scores.

-- CORE Subject Areas --

(4) CORE Classes Each Year

English Language Arts (Select 1)

- _____ 143040 English III
- _____ 144060 English IV
- _____ 144080 English IV DC
- _____ 144070 AP English IV
- _____ 333060 Business English
- _____ 131220 College Preparatory English

Mathematics (Select 1)

- _____ 171010 Geometry
- _____ 173100 Math Models
- _____ 172100 Financial Math
- _____ 172030 Algebra II
- _____ 172040 Algebra II Honors
- _____ 171040 College Preparatory Math
- _____ 443100 Engineering Math
- _____ 173010 Applied Math for Technical Professionals DC
- _____ 172220 Statistics
- _____ 173210 Advanced Quantitative Reasoning (Statistics) DC
- _____ 173090 AP Statistics
- _____ 171190 College Algebra DC
- _____ 173060 Precalculus
- _____ 173070 Precalculus Honors
- _____ 173160 Precalculus DC
- _____ 353030 Statistics & Business Decision Making
- _____ 353040 Statistics & Business Decision Making DC
- _____ 173280 Calculus Honors
- _____ 174080 AP Calculus AB
- _____ 173020 AP Calculus BC

Science (Select 1)

- _____ 202040 Chemistry
- _____ 373070 Anatomy & Physiology
- _____ 202100 Aquatic Science
- _____ 203120 Astronomy
- _____ 443080 Biology II DC
- _____ 203030 AP Biology II

Science (continued)

- _____ 443090 Chemistry II DC
- _____ 203060 AP Chemistry II
- _____ 203230 Earth and Space Science
- _____ 203150 AP Environmental Science
- _____ 382060 Food Science
- _____ 413080 Forensic Science Honors
- _____ 203220 Physics
- _____ 203080 Physics Honors
- _____ 203020 Physics I DC
- _____ 203010 AP Physics I
- _____ 204020 AP Physics C: Mechanics

Social Studies (Select 1)

- _____ 211001 World Geography
- _____ 212020 World History
- _____ 213340 World Civilizations I DC*
- _____ 213350 World Civilizations II DC*
- _____ 213040 US History
- _____ 214110 Economics*
- _____ 214130 AP Micro Economics*
- _____ 214070 Government*
- _____ 214100 US Government DC*
- _____ 214090 AP US Government & Politics*

Social Studies (Electives)

- _____ 213300 African American Studies*
- _____ 214200 AP European History
- _____ 214080 AP Government & Politics: Comparative*
- _____ 213280 AP Human Geography*
- _____ 213310 Philosophy*
- _____ 214140 Psychology*
- _____ 214150 Psychology DC*
- _____ 214270 AP Psychology*
- _____ 214160 Sociology*
- _____ 213360 Texas State & Local Government DC*
- _____ 213320 World War II*

-- Physical Education --

Graduation Requirement = 1 credit minimum

2-Sport Athletes - Mark BOTH Sports

_____ 181000/181010 PE (General)	_____ 191370 Soccer - Girls
_____ 181080/181090 Partner PE**	_____ 191380 Softball
_____ 192210 Baseball (V)	_____ 191390 Swimming
_____ 192230 Basketball - Boys (V)	_____ 191391 Diving
_____ 192250 Basketball - Girls (V)	_____ 191401 Tennis - Boys (JV)
_____ 191260 Cross Country - Boys	_____ 191402 Tennis - Girls (JV)
_____ 192280 Cross Country - Girls	_____ 192410 Tennis (V)
_____ 192320 Football (V)	_____ 191420 Track & Field - Boys*
_____ 191330 Golf	_____ 191430 Track & Field - Girls
_____ 192360 Soccer - Boys (V)	_____ 192450 Volleyball (V)

-- Languages Other Than English --

Graduation Requirement = 2 credits from SAME LOTE

_____ 151120 American Sign Language I	_____ 152060 French III Honors
_____ 152130 American Sign Language II	_____ 153070 AP French IV
_____ 153140 American Sign Language III	_____ 151210 Latin II Honors
_____ 154150 American Sign Language IV Honors	_____ 151040 Spanish I
_____ 221000 Computer Science I	_____ 151050 Spanish II
_____ 222000 Computer Science II	_____ 151170 Spanish II Honors
_____ 223000 Computer Science III Honors	_____ 151180 Spanish II Honors for Spanish Speakers
_____ 151000 French I	_____ 152100 Spanish III Honors
_____ 151010 French II	_____ 153110 AP Spanish IV
_____ 151160 French II Honors	

-- Fine Arts --

Graduation Requirement = 1 credit minimum

_____ 071000 Art I	_____ 093210 Jazz Ensemble III
_____ 072010 Art II Drawing	_____ 094290 Jazz Ensemble IV
_____ 072020 Art II Painting	_____ 091020 Brass Ensemble I
_____ 072030 Art II Sculpture	_____ 092100 Brass Ensemble II
_____ 072280 Art II Drawing Honors	_____ 093180 Brass Ensemble III
_____ 072290 Art II Painting Honors	_____ 094260 Brass Ensemble IV
_____ 072300 Art II Sculpture Honors	_____ 091030 Percussion Ensemble I
_____ 073040 Art III Drawing	_____ 092110 Percussion Ensemble II
_____ 073050 Art III Painting	_____ 093190 Percussion Ensemble III
_____ 073060 Art III Sculpture	_____ 094270 Percussion Ensemble IV
_____ 074100 Art IV Drawing	_____ 091010 Wood Winds Ensemble I
_____ 074110 Art IV Painting	_____ 092090 Wood Winds Ensemble II
_____ 074120 Art IV Sculpture	_____ 093170 Wood Winds Ensemble III
_____ 073070 AP Studio Art: Drawing	_____ 094250 Wood Winds Ensemble IV
_____ 073080 AP Studio Art: 2D Design	_____ 084000 Color Guard IV
_____ 073090 AP Studio Art: 3D Design	_____ 091380 Orchestra I
_____ 073270 Art Appreciation	_____ 092000 Orchestra II
_____ 073280 Art Appreciation DC	_____ 093000 Orchestra III
_____ 073190 AP Art History	_____ 094000 Orchestra IV
_____ 091060 Choir I	_____ 102200 Musical Theatre I
_____ 092140 Choir II	_____ 101000 Theatre Arts I
_____ 081011 Dance I	_____ 101300 Pre-AP Theatre I
_____ 082011 Dance II	_____ 101200 Theatre Arts I DC
_____ 091320 Music Appreciation	_____ 102020 Theatre Arts II
_____ 091080 Music Appreciation DC	_____ 102010 Theatre Arts II DC
_____ 094370 AP Music Theory	_____ 103040 Theatre Arts III
_____ 091040 Piano I	_____ 103060 Theatre Arts III DC
_____ 092120 Piano II	_____ 104060 Theatre Arts IV
_____ 093200 Piano III	_____ 104070 Theatre Arts IV DC
_____ 094280 Piano IV	_____ 101010 Theatre Production I
_____ 091000 Band I	_____ 102030 Theatre Production II
_____ 092080 Band II	_____ 103050 Theatre Production III
_____ 093160 Band III	_____ 101080 Technical Theatre I
_____ 093010 Band III DC	_____ 101020 Technical Theatre I DC
_____ 094240 Band IV	_____ 102090 Technical Theatre II
_____ 094010 Band IV DC	_____ 103030 Technical Theatre II DC
_____ 091050 Jazz Ensemble I	_____ 103100 Technical Theater III
_____ 092130 Jazz Ensemble II	_____ 102110 Technical Theatre II-Stagecraft
	_____ 103110 Technical Theatre III-Stagecraft

-- Career & Technology Electives --
Graduation Requirement = 2 credits minimum

Agriculture, Food & Natural Resources

_____	302200	Equine Science*
_____	302210	Equine Science DC*
_____	302080	Livestock Production
_____	303080	Livestock Productions DC
_____	301070	Small Animal Management*
_____	302070	Small Animal Management DC*
_____	304100	Advanced Animal Science
_____	303090	Veterinary Medical Applications
_____	302100	Forestry & Woodland Ecosystem
_____	302150	Range Ecology & Management
_____	301010	Wildlife Fisheries & Ecology Management
_____	303140	Advanced Floral Design
_____	301020	Horticulture Science
_____	302030	Landscape Design & Management*
_____	301050	Agricultural Mechanics & Metal Technology
_____	302060	Agriculture Power Systems (2 periods)
_____	302000	Agricultural Structures Design & Fabrication
_____	303100	Practicum in Agri, Food & Natural Resources (2 periods)

Architecture & Construction

_____	312010	Architectural Design I
_____	313020	Architectural Design II (2 periods)
_____	314030	Practicum in Architectural Design (2 periods)
_____	311040	Interior Design
_____	312050	Interior Design II (2 periods)
_____	311150	Principles of Construction DC
_____	312080	Construction Technology I (2 periods)
_____	312160	Construction Technology I DC (2 periods)
_____	313090	Construction Technology II DC (2 periods)
_____	312300	Electrical Technology I
_____	443200	Electrical Technology I DC
_____	312200	Mill & Cabinetmaking Technology (2 periods)
_____	313130	HVAC & Refrigeration Technology I DC

Arts, AV Technology & Communications

_____	323070	Commercial Photography I
_____	324080	Commercial Photography II**
_____	324090	Commercial Photography II DC (2 periods)**
_____	324100	Practicum in Commercial Photography**
_____	324130	Practicum in Commercial Photography DC (2 periods)**
_____	321040	Fashion Design I
_____	322050	Fashion Design II
_____	323060	Practicum in Fashion Design (2 periods)
_____	321090	Graphic Design & Illustration
_____	323100	Graphic Design & Illustration II
_____	324110	Practicum in Graphic Design & Illustration I (2 periods)
_____	324000	Practicum in Graphic Design & Illustration II (2 periods)
_____	322400	eSports
_____	321120	Professional Communications*
_____	323021	Student Media II (2 periods)
_____	323141	Student Media II DC (2 periods)
_____	324031	Practicum in Student Media I (2 periods)
_____	324151	Practicum in Student Media I DC (2 periods)
_____	324011	Practicum in Student Media II (2 periods)
_____	324021	Practicum in Student Media II DC (2 periods)
_____	323020	TigerVision II (2 periods)
_____	323140	TigerVision II DC (2 periods)
_____	324030	Practicum in TigerVision I (2 periods)
_____	324150	Practicum in TigerVision I DC (2 periods)
_____	324010	Practicum in TigerVision II (2 periods)
_____	324020	Practicum in TigerVision II DC (2 periods)
_____	041250	Video Game Programming

Business, Marketing & Finance

_____	352000	Accounting I
_____	352050	Accounting I DC
_____	353010	Accounting II
_____	353060	Accounting II DC
_____	352020	Banking & Financial Services*
_____	331020	Business Information Management I
_____	333030	Business Information Management I DC
_____	332040	Business Information Management II
_____	333080	Business Management
_____	431000	Fashion Marketing*
_____	431020	Social Media Marketing*
_____	431010	Sports & Entertainment Marketing*
_____	331010	Touch Systems Data Entry*
_____	043400	Practicum in Entrepreneurship (2 periods)

Education & Training

_____	342010	Human Growth & Development
_____	343200	Human Growth & Development DC
_____	343020	Instructional Practices (2 periods)
_____	344030	Practicum in Education & Training (2 periods)
_____	344040	Practicum in Education & Training DC (2 periods)

Health Science

_____	373020	Health Science Theory
_____	371000	Medical Terminology
_____	373050	Pharmacology
_____	373060	Pharmacology DC
_____	373400	PHS I: EKG/Phlebotomy (2 periods)
_____	374040	PHS I: Pharmacy Tech (2 periods)
_____	373340	PHS I: Pharmacy Tech DC (2 periods)
_____	374050	PHS I: CNA DC (2 periods)

Hospitality & Tourism

_____	381090	Culinary Arts (2 periods)**
_____	383070	Culinary Arts DC (2 periods)**
_____	382000	Advanced Culinary Arts (2 periods)
_____	384080	Advanced Culinary Arts DC (2 periods)
_____	382100	Practicum in Culinary Arts (2 periods)
_____	384090	Practicum in Culinary Arts DC (2 periods)

Human Services

_____	391020	Child Development
_____	393030	Child Development DC
_____	042300	Child Development Associate Foundation DC
_____	393040	Child Guidance (2 periods)
_____	391010	Dollars & Sense*
_____	391070	Family & Community Services
_____	391080	Interpersonal Studies*
_____	252500	Interpersonal Studies DC*
_____	391090	Lifetime Nutrition & Wellness*
_____	393000	Practicum in Human Services (2 periods)
_____	393050	Introduction to Cosmetology DC
_____	393100	Cosmetology I DC (2 periods)
_____	394110	Cosmetology II DC (2 periods)
_____	393060	Principles Cosmetology Design & Color Theory DC

-- Career & Technology Electives (continued) --

Information Technology

- _____ 403010 Computer Maintenance
- _____ 403080 Digital Media
- _____ 403000 Internetworking Technologies I
- _____ 403030 Internetworking Technologies I DC
- _____ 404000 Internetworking Technologies II
- _____ 404010 Internetworking Technologies II DC
- _____ 041200 Introduction to C# Programming Applications
- _____ 041210 Introduction to C# Programming Applications DC
- _____ 401200 Web Communications*
- _____ 403090 Web Design
- _____ 401300 Web Design DC
- _____ 403200 Practicum in Information Technology (2 periods)
- _____ 403250 Practicum in Information Technology DC (2 periods)

Law, Public Safety, Corrections & Security

- _____ 411050 Principles of Law, Public Safety, Corrections & Security DC
- _____ 043300 Advanced Legal Skills & Professions
- _____ 412000 Correctional Services
- _____ 412010 Correctional Services DC
- _____ 413010 Court Systems & Practices
- _____ 413030 Law Enforcement I
- _____ 414000 Law Enforcement II

Manufacturing

- _____ 423000 Welding I DC (2 periods)
- _____ 424010 Welding II DC (2 periods)

Science, Technology, Engineering & Math

- _____ 443030 AC/DC Electronics DC
- _____ 177020 AP Computer Science Principles
- _____ 401060 Computer Science I-Python DC
- _____ 442300 Digital Forensics
- _____ 441000 Engineering Design & Presentation
- _____ 442010 Engineering Design & Problem Solving
- _____ 442200 Engineering Science
- _____ 222100 Mobile Application Development
- _____ 441110 Robotics I
- _____ 444000 Practicum in STEM

Transportation, Distribution & Logistics

- _____ 452030 Aircraft Airframe Technology I
- _____ 453010 Automotive Technology I DC (2 periods)
- _____ 454020 Automotive Technology II DC (2 periods)
- _____ 453100 Collision Repair DC (2 periods)
- _____ 451080 Energy & Power of Transportation
- _____ 452060 Small Engine Technology
- _____ 454050 Practicum in Transportation Systems DC (2 periods)

-- Work Study Program --

For more information, see Mrs. Hamilton in Room 6

- _____ 463010 Career Preparation I (Work Study)
- _____ 463020 Career Preparation I DC (Work Study)
- _____ 433000 Career Preparation II (Work Study)
- _____ 464020 Career Preparation II DC (Work Study)

-- Other Electives --

- | | |
|---|--|
| <ul style="list-style-type: none"> _____ 132040 Newspaper I _____ 132030 Newspaper I DC _____ 133050 Newspaper II _____ 133040 Newspaper II DC _____ 134060 Newspaper III _____ 134050 Newspaper III DC _____ 132010 Yearbook I _____ 132020 Yearbook I DC _____ 133020 Yearbook II _____ 133030 Yearbook II DC _____ 134030 Yearbook III _____ 134040 Yearbook III DC _____ 283100 AP Seminar _____ 041100 Army S.T.A.R. Program I | <ul style="list-style-type: none"> _____ 131120 Debate I _____ 132130 Debate II _____ 134140 Debate III _____ 134150 Debate IV _____ 043000 Tiger Pals I (1st year)** _____ 044000 Tiger Pals II (2nd year)** _____ 132500 Public Speaking I _____ 133510 Public Speaking II _____ 282010 Sports Medicine I _____ 283030 Sports Medicine II _____ 284040 Sports Medicine III _____ 044020/044030 Office Aide**** _____ 133420 Visual Media Analysis & Production* |
|---|--|

-- Leadership Program --

For Interest Inventory, see Mrs. Waldrep in Room 65

- _____ 041000 Leadership Skills**

-- REACH Program --

Please have your campus' REACH Teacher sign below.

REACH IV (284003): _____

-- Student Checklist --

- English
- Math
- Science
- Social Studies
- Choice #5
- Choice #6
- Choice #7
- Choice #8

- Alternate #1
- Alternate #2
- Alternate #3
- Alternate #4
- Alternate #5

NONDISCRIMINATION POLICY

The policy of the Texarkana Independent School District is to comply fully with the nondiscrimination provisions of all state and federal laws and regulations by assuring that students are afforded equal access to regular, vocational, special education programs, and activities without regard to race, religion, color, national origin, sex, or handicapping conditions as provided in these laws and regulations.

Student Signature _____

-- For Advisor Use Only --

Program of Study: _____
Endorsement: _____

**Enrichment Selection Sheet
Texas High School
2022-2023**

INSTRUCTIONS:

1. A student will be placed in the following enrichment(s) by either **Teacher Request/Recommendation** or based on **Academic Requirements/Needs**.

- | | |
|---|--------------------------------------|
| -Athletics (Varsity Baseball, Boys/Girls Basketball, Varsity Cheer, Football, HighStepper Officers, Soccer, Volleyball, XC/Track) | |
| -Art Club | -Skills USA |
| -ASL Honor Society | -Student Council/Leadership Prep |
| -Band | -Student Media |
| -BPA Prep | -Thespan Group |
| -Culinary Arts (Advanced Level) | -TeachTISD |
| -DECA | -Tiger Pals |
| -Financial Planning (Seniors Only) | -Tiger Tones |
| -Foreign Exchange Support | -TigerVision |
| -IGC (Individual Graduation Committee) | -TSI Prep (Texas Success Initiative) |
| -Independent Research | -Tutorials |
| -LEAD | |

2. **Students can select up to (2) enrichment choices below.** Selections are not guaranteed and are based on availability. All students will be placed in a **Study Hall Enrichment** unless indicated below.

**All Seniors will be placed in (1) semester of Financial Planning.

CORE Subject - Study Halls

- _____ 251960 Study Hall English
- _____ 251961 Study Hall Math
- _____ 251962 Study Hall Science
- _____ 251962 Study Hall Social Studies
- _____ 251951 Advanced Study Hall English
- _____ 251952 Advanced Study Hall Math
- _____ 251953 Advanced Study Hall Science
- _____ 251954 Advanced Study Hall Social Studies

UIL Clubs/Organizations

- _____ 251969 UIL Accounting
- _____ 251970 UIL Calculator & Number Sense
- _____ 251971 UIL Computer Science
- _____ 251972 UIL Current Events
- _____ 251973 UIL Journalism/Editors
- _____ 251974 UIL Math
- _____ 251975 UIL Prose/Poetry
- _____ 251978 UIL Ready Writing
- _____ 251979 UIL Science
- _____ 251980 UIL Social Studies
- _____ 251981 UIL Speaking/Debate/Congress
- _____ 251982 UIL Spelling

Hobbies & Interests

- _____ 251906 Bilingual Study Hall
- _____ 251910 Chess
- _____ 251914 Community Service Craft Projects
- _____ 251920 Drawing
- _____ 251925 FFA
- _____ 251932 Girl Talk
- _____ 251935 Guiltar (Beginner) - Must provide own guitar
- _____ 251940 Intro to Woodworking
- _____ 251984 Military Prep
- _____ 251947 Model UN/Philosophy Club
- _____ 251965 Theatre Lighting Certification
- _____ 251985 Yoga



TEXAS HIGH SCHOOL

2022-2023

PROGRAM *of* STUDIES

& Course Description Guide

Earning College Credit in High School

Earning College Credit

Students at Texas High School have the opportunity to earn college credit while in high school in a variety of ways:

- ❖ Advanced Placement Program
- ❖ Dual Credit Program

Advanced Placement and Dual Credit programs can be used in a variety of combinations based on student preferences to meet graduation requirements. Students are responsible for ensuring that the college that they are planning to attend will accept or will award credit for the college-level courses.

Students who participate in college-level courses will be expected to:

- Work independently
- Commit to reading, research, and hard work
- Demonstrate above average ability in oral and written expression
- Deal with sophisticated concepts maturely
- Think critically and creatively
- Respond positively to challenging situations
- Prioritize activities and set personal deadlines
- Manage study time and complete assignments
- Deal personally and directly with the instructor to discuss problems and questions

Earning an Associate's Degree in High School

Texas High School allows students to earn both a high school diploma and a college associate's degree simultaneously, through partnership with Texarkana College and completion of dual credit courses that count toward both. Students may begin earning college credit for some courses as early as their freshman year. Students may transfer credits from the associate's degree toward a bachelor's degree at a four-year institution. The goal of this initiative is to increase college access and completion by strengthening the link between secondary and post-secondary institutions. For information about the degree course requirements, see the Degree Planning section of this guide and/or contact your academic advisor.

Earning a Post Secondary Certificate in High School

Texas High School students can also work towards earning a Level One Certificate from Texarkana College in a post-secondary workforce educational field. Similar to an associate's degree, students can start many of these courses during their freshman year. The goal of this initiative is to increase workforce readiness and establish a bridge between high school and post-secondary school for these programs. The following are the Level One Certificates available for Texas High School students through Texarkana College:

- Level One Certificates:
 - Automotive Technology
 - Construction Technology
 - HVAC Technician Assistant
 - Welding Technology
- Industry-Based Certificates:
 - HVAC EPA 608
 - NCCER Core
 - NCCER Carpentry, level one
 - OSHA
 - Certified Nursing Assistant
 - ServSafe Food Handler
 - ServSafe Managers
 - Managefirst: Hospitality Human Resources Management

Advanced Placement Program

What is the Pre-AP Program?

Preparing and motivating middle school and high school students for AP classes and college-level work must begin before they reach eleventh or twelfth grade. The earlier students acquire analytical thinking and communication skills, the more likely they are to succeed in academically challenging courses such as AP. Therefore, TISD offers the Pre-AP program by College Board. Although Pre-AP courses are not prerequisites for AP courses, they are highly recommended.

What background is needed for students to succeed in the Pre-AP Program?

Students must be dedicated to complete a more rigorous course of study. The keys to success are maturity, motivation, self-discipline, and academic preparation. In the Pre-AP program, students are encouraged to ask good questions, to acquire deep understandings, to apply comprehensive analytical techniques, and to construct good written and verbal arguments.

TISD encourages students to pursue a course of study in the area of Advanced Placement. Both students and parents are encouraged to consult with teachers, academic advisors, and principals if they need assistance with any concerns. Generally, TISD recommends that students and parents consider the following criteria for enrollment in a Pre-AP course:

- 1) the grade the student received in that subject area during the preceding year (preferably an average of "85" or above); and
- 2) the score the student received on the State of Texas Assessment of Academic Readiness (STAAR), End of Course exam (EOC) or the TISD Benchmark Assessment for the appropriate subject area during the preceding year (preferably a score of "85" or above).

What is the Advanced Placement Program?

The Advanced Placement Program allows high school students the opportunity to enroll in a college-level course and to possibly earn college credit for that course while still in high school. Although the program is administered by the College Board of New York, secondary schools have the flexibility to establish the curriculum, to select materials and resources, and to determine the instructional methods. Students may show mastery in these courses by taking the AP exams that are administered in May of each school year.

Students will not be able to move into an Advanced Placement class after the 3rd week of school.

What are the advantages of taking an AP course?

Enrollment in an AP course may benefit students in several ways. The main advantage is in providing an academic background that will better prepare students for college. Successful completion of an AP exam can also fulfill one of the requirements of the Texas Distinguished Achievement Program graduation plan. Of course, another benefit is the award of college credit during students' high school years.

How is college credit awarded?

High School students must successfully complete the AP exam in order to receive college credit for the course. Tests are scored with grades from 1-5. The College Board then reports the scores to colleges with the following recommendations:

- 1--no recommendation
- 2--may be qualified
- 3--qualified
- 4--well-qualified
- 5--extremely qualified

Each college sets its own policy for the award of AP credit, determining which score is successful and how much college credit will be awarded. Generally, colleges accept a score of "3" with credit ranging from three to six semester college hours per test. Students should contact the college directly to find out about the AP policy for that institution.

What background is needed to succeed in an AP course?

The College Board offers the following recommendations to ensure success in the AP program:

Students should have had practice in analyzing content, drawing comparisons, and reasoning through problems. They must be able to read perceptively and independently. Additionally, students will need to be proficient in writing clear, concise essays. Students who are not skilled in these areas must be even more highly motivated to make up deficiencies at the same time they are taking more rigorous courses. The earlier students prepare for AP or college courses by taking the most rigorous classes available, the more likely will be their success. The keys to success are motivation, self-discipline, and academic preparation.

What are the costs involved in taking a course?

Since the AP courses are a part of the Texas High curriculum, there is no charge for taking an AP course. A fee of approximately \$95 is required by the College Board if a student chooses to take the exam to earn college credit for a subject. Eligible students with financial need may receive reduced fees, depending on federal and state funding.

How are Pre-AP, Honors and AP courses weighted?

Because of the advanced level of Pre-AP, Honors and AP courses, TISD assigns a course weight of 1.70 to Pre-AP and Honors classes and a weight of 1.80 to AP classes.

What Pre-AP, Honors and AP courses are available?

TISD provides courses in both Pre-AP and AP. The following courses are currently available:

AREA OF STUDY	PRE-AP & HONORS COURSES	AP COURSES
English	Pre-AP English I Pre-AP English II	AP English Language and Composition (Level III) AP English Literature and Composition (Level IV)
Fine Arts	Pre-AP Theatre I Art II Honors – Drawing Art II Honors – Painting Art II Honors – Sculpture	AP Drawing Portfolio AP Two-Dimensional Art and Design Portfolio AP Three-Dimensional Art and Design Portfolio AP Art History AP Music Theory
Languages Other Than English	French II Honors French III Honors Spanish II Honors Spanish III Honors American Sign Language IV Honors Latin I Honors Latin II Honors Computer Science III Honors	AP French Language and Culture AP Spanish Language and Culture AP Latin AP Computer Science A AP Computer Science Principles
Math	Pre-AP Algebra I Algebra II Honors Pre-AP Geometry with Statistics Pre-Calculus Honors Calculus Honors	AP Calculus AB AP Calculus BC AP Statistics AP Computer Science A
Science	Pre-AP Biology I Pre-AP Chemistry I Forensic Science Honors Conceptual Physics Honors	AP Biology II AP Chemistry II AP Environmental Science AP Physics I: Algebra-Based AP Physics II: Algebra-Based AP Physics C: Mechanics AP Physics C: Electricity and Magnetism
Social Studies	Pre-AP World History and World Geography	AP U.S. History AP Macroeconomics AP Microeconomics AP Government and Politics: United States AP Government and Politics: Comparative AP Psychology AP World History: Modern AP Human Geography AP European History
Other Electives		AP Seminar AP Research

Pre-AP Program by College Board

The Pre-AP Program is a program offered to high schools by College Board. As a participating school, Texas High School has received an official Pre-AP designation for each Pre-AP course. Pre-AP courses offer engaging, meaningful, foundational coursework to our students across varying levels of ability. This designation signals consistent, high standards in focused courses that help build, strengthen, and reinforce students' content knowledge and critical thinking skills.

All Pre-AP teachers will complete required professional development to learn the design and pedagogy of the Pre-AP program prior to teaching the courses as is also required by the Advanced Placement (AP) program. By choosing to offer designated Pre-AP courses, Texas High School is continuing our commitment to prepare all students for success in high school and beyond.

Texas High School will be offering the following designated Pre-AP courses beginning with the 2020-21 school year: Pre-AP English I, Pre-AP English II, Pre-AP Algebra I, Pre-AP Geometry with Statistics, Pre-AP Biology, Pre-AP Chemistry, Pre-AP World History and Geography, and Pre-AP Theatre.

Dual Credit Program

What is the Dual Credit Program?

The Dual Credit Program allows high school students the opportunity to enroll in college-level courses and to earn high school as well as college credit for the completed coursework. The program provides a continuum of learning from high school to college for those students who choose to pursue a post-secondary degree or certificate after high school graduation. This continuum will increase opportunities for students to progress through their programs of study at an accelerated pace.

What are the advantages of taking a dual credit course?

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

How is credit awarded?

Credit may be given in a content area or as an elective to fulfill graduation requirements and to gain college credit. Credit for successfully completed college courses (a minimum of "C") will be earned in one-half or one-unit increments. Students taking dual credit courses on the Texas High campus will receive the actual numerical score as weighted high school credit (1.75 course weight). Students taking dual credit courses on the college campus will receive an unweighted grade. The student will receive the actual numerical score, if such a score is awarded by the college instructor, or a numerical grade equivalency as follows: A - 95, B - 85, C - 75. All dual credit grades between the Texas High School and the Texarkana College campuses will align except for the following dual credit THS courses: business information management, marketing, journalism and criminal justice classes. Dual credit course grades/credit will be assigned via the grade scales of both campuses and may result in different final averages on the respective campuses.

How are dual credit courses transferred for college credit?

When choosing which courses to take as dual credit, the best option for students is to choose courses that fit into the core curriculum of the college or university offering the dual credit program. Courses that fulfill the core curriculum of a public college or university are guaranteed to transfer to any other public college or university in Texas by state law. Only 9 hours of WECM can count towards associate's degrees. WECM courses may not earn credit towards a degree at some post-secondary institutions. For additional dual credit courses, students should contact the college or university that they plan to attend to determine how that institution will grant credit for the course.

What are the costs involved in taking a course?

Students pay some expenses associated with taking college courses. These costs may include tuition and fees and will be in accordance with the cost-per-hour charges assessed by the college. Some courses have additional costs due to certifications, supplies, materials, uniforms, online access, etc. Eligible students may apply for financial assistance via the need-based scholarship application at the start of each semester. The district strives to offset some of the extra fees of selected Workforce Education Course Material (*WECM) courses to bring costs closer to those related to academic courses. Students living out of the college's district may be assessed additional charges per course. Fees and supplies are estimated and subject to change.

DUAL CREDIT ELIGIBILITY REQUIREMENTS

Students enrolling in a dual credit course must meet the following entrance requirements:

- 1) completion of prerequisite courses,
- 2) a qualifying score on a specified assessment for college readiness if applicable.

ASSESSMENT REQUIREMENTS HIGH SCHOOL STUDENTS

College entrance requirements are based on these three classifications of college courses: *Restricted*, *WECM*, or *Non-restricted*. Restricted classes must have eligibility test scores based on the chart below. WECM and non-restricted classes do not require test scores.

RESTRICTED COURSES	
ASSESSMENT	REQUIREMENTS
TSIA	Reading – 351; Math – 350; Writing – 340 AND 4 on essay OR 5 on essay
TSIA2	ELAR - 945 CRC & 5 on essay or 910-944 CRC & Diagnostic 5-6 & 5 on essay; Math – 950 CRC or 910-949 CRC & Diagnostic 6
ACT	19 on English and/or math (relevant to the DC course taken) with a composite score of 23
SAT	Reading – 480; Math – 530
PSAT/NMSQT*	460 ELAR (critical Reading & Writing); 510 Math
STAAR EOC*	4000 on English II or 4000 on Algebra I & passing grade in Algebra II course

*Note: The PSAT and STAAR EOC English II waivers are valid only until the student is in the 12th grade. At that point, the student's enrollment status will be re-evaluated through completed coursework or other test scores.

MENINGITIS VACCINATION

Students attending dual credit courses on the Texarkana College campus are required to provide a proof of Meningitis vaccination with the last 5 years prior to the first day of classes.

Dual Credit Courses

THS Course Number	THS Course Name	Credit	College	College Course Number	College Course Name	Hours	Entrance Testing Requirements	Estimated In-District Fees
English Language Arts								
144080	English IV DC (1st semester)	1/2	TC	ENGL 1301	Comp and Rhetoric I	3	Restricted (Reading, Writing)	\$100.00
144080	English IV DC (2nd semester)	1/2	TC	ENGL 1302	Comp and Rhetoric II	3	Restricted (Reading, Writing)	\$100.00
Mathematics								
173160	Pre-Calculus DC (College Algebra) (1st semester)	1/2	TC	MATH 1314	College Algebra	3	Restricted (Math)	\$100.00
173160	Pre-Calculus DC (Trigonometry) (2nd semester)	1/2	TC	MATH 1316	Trigonometry	3	Restricted (Math)	\$100.00
171190	ISM: College Algebra DC (extended)	1	TC	MATH 1314	College Algebra	3	Restricted (Math)	\$100.00
173210	Advanced Quantitative Reasoning (Statistics) DC (extended)	1	TC	MATH 1442	Elementary Statistical Methods	4	Restricted (Math)	\$100.00
173010	Applied Mathematics for Technical Professionals (extended)	1	TC	MATH 1332	Contemporary Math	3	Restricted (Math)	\$100.00
Science								
443080	SRD: Biology II DC (1st semester)	1/2	TC	BIOL 1308 BIOL 1108	Concepts of Biology I Biology for Non Science Majors I	4	Non-restricted	\$100.00
443080	SRD: Biology II DC (2nd semester)	1/2	TC	BIOL 1309 BIOL 1109	Concepts of Biology II Biology for Non Science Majors II	4	Prerequisite: BIOL 1408	\$100.00
443090	SRD: Chemistry II DC (extended)	1	TC	CHEM 1311 CHEM 1111	General Chemistry	4	Prerequisite: Completed or concurrent enrollment MATH 1314	\$100.00
203020	SRD: Physics I DC (extended)	1	TC	PHYS 1301 PHYS 1101	College Physics I	4	Prerequisite: Completed MATH 1314 & MATH 1316 OR Completed MATH 1314 & concurrently enrolled in MATH 1316	\$100.00
Social Studies								
213060(5)	U.S. History DC (1st semester)	1/2	TC	HIST 1301	History of the United States	3	Restricted (Reading)	\$100.00
213060(5)	U.S. History DC (2nd semester)	1/2	TC	HIST 1302	History of the United States	3	Restricted (Reading)	\$100.00
214100	Government DC (1 semester course)	1/2	TC	GOVT 2305	Federal Government	3	Restricted (Reading)	\$100.00
213360	Social Studies Adv. Studies: Texas State and Local Government (1 semester course)	1/2	TC	GOVT 2306	Texas Government	3	Restricted (Reading)	\$100.00
214320	Economics DC (1 semester course)	1/2	TC	ECON 2301	Principles of Economics I	3	Restricted (Reading)	\$100.00
214150	Psychology DC (1 semester course)	1/2	TC	PSYC 2301	Introduction to Psychology	3	Restricted (Reading)	\$100.00
214170	Sociology DC (1 semester course)	1/2	TC	SOCI 1301	Introduction to Sociology	3	Restricted (Reading)	\$100.00
213340	Social Studies Advanced Studies: World Civilizations I DC (1st semester course)	1/2	TC	HIST 2321	World Civilizations I	3	Restricted (Reading)	\$100.00
213350	Social Studies Advanced Studies: World Civilizations II DC (2nd semester course)	1/2	TC	HIST 2322	World Civilizations II	3	Restricted (Reading)	\$100.00

Fine Arts								
073280	Art Appreciation DC (extended)	1	TC	ARTS 1301	Art Appreciation	3	Non-restricted	\$100.00
093010	Instrumental Music III DC (extended)	1	TC	MUEN 2122	Band III – Major Ins. Ensemble	1	Non-restricted	\$100.00
094010	Instrumental Music IV DC (extended)	1	TC	MUEN 2123	Band IV – Major Ins. Ensemble	1	Non-restricted	\$100.00
091080	Music Appreciation DC (extended)	1	TC	MUSI 1306	Music Appreciation	3	Non-restricted	\$100.00
101020	Technical Theatre I DC (extended)	1	TC	DRAM 1330	Stagecraft I	3	Non-restricted	\$250.00
103030	Technical Theatre II DC (extended)	1	TC	DRAM 2331	Stagecraft II	3	Non-restricted	\$250.00
101200	Theater I DC (extended)	1	TC	DRAM 1310	Theater Arts I	3	Non-restricted	\$100.00
102030	Theater II DC (extended)	1	TC	DRAM 1351	Theater Arts II	3	Non-restricted	\$250.00
103060	Theater III DC (extended)	1	TC	DRAM 1352	Theater Arts III	3	Non-restricted	\$250.00
104070	Theater IV DC (extended)	1	TC	DRAM 2351	Theater Arts IV	3	Non-restricted	\$250.00
Languages Other Than English								
154180	Spanish Language DC (1st semester)	1/2	TC	SPAN 1411	Beginning Spanish I	4	Non-restricted	\$100.00
154180	Spanish Language DC (2nd semester)	1/2	TC	SPAN 1412	Beginning Spanish II	4	Non-restricted	\$100.00
153220	French Language DC (1st semester)	1/2	TC	FREN 1411	Beginning French I	4	Non-restricted	\$100.00
153220	French Language DC (2nd semester)	1/2	TC	FREN 1412	Beginning French II	4	Non-restricted	\$100.00
Career and Technology Education – Agriculture, Food, and Natural Resources								
303080	Livestock Productions DC (extended)	1	TC	AGAH 1447	Animal Reproduction	4	WECM	\$125.00
302210	Equine Science DC (1st semester)	½	TC	AGEQ 1411	Equine Science	3	WECM	\$125.00
302070	Small Animal Management DC (2nd semester)	½	TC	HALT 2321	Small Farming	3	WECM	\$125.00
Career and Technology Education – Architecture & Construction								
311150	Principles of Construction DC (1st semester) [TC year 1]	1/2	TC	CRPT 1329	Intro to Carpentry	3	WECM	\$300.00
311150	Principles of Construction DC (2nd semester) [TC year 1]	1/2	TC	CNBT 1311	Intro to Carpentry Methods & Materials I	3	WECM	\$300.00 (+ \$30 NCCER Core Cert @ end of year)
312160	Construction Technology I DC (1st semester) [TC year 2]	1	TC	CNBT 1318 CNBT 1346	Const Tools & Techniques Const Estimating I	6	WECM	\$300.00 (+ \$25 OSHA Certification 1st sem., 2nd year)
312160	Construction Technology I DC (2nd semester) [TC year 2]	1	TC	CNBT 1316	Construction Technology I	3	WECM	\$300.00 (+ \$30 Level 1 NCCER Certificate end of second year)
313090	Construction Technology II DC (1st semester) [TC year 3]	1	TC	CNBT 1302	Mech, Plumb & Electrical	3	WECM	\$300.00
313090	Construction Technology II DC (2nd semester) [TC year 3]	1	TC	CNBT 1350	Construction Technology II	3	WECM	\$300.00
443200	Electrical Technology I DC (1st semester)	1/2	TC	CETT 1409	AC/DC Circuits	4	WECM	\$300.00+TI-83 calculator
443200	Electrical Technology I DC (2nd semester)	1/2	TC	ELPT 1321	Intro to Electrical Safety & Tools	3	WECM	\$300.00+TI-83 calculator (+ \$25 OSHA Cert. end of first year)

313130	HVAC & Refrigeration Technology I DC (1st semester)	1/2	TC	HART 1401	HVAC I: Basic Electricity for HVAC	4	WECM	\$300.00 (+\$25 EPA 608 Exam)
313130	HVAC & Refrigeration Technology I DC (2nd semester)	1/2	TC	HART 1356	EPA Recovery Certification Preparation	4	WECM	\$300.00 (+ \$25 OSHA Certification end of first year)
314140	HVAC & Refrigeration Technology II DC (1st semester)	1	TC	HART 1410	HVAC Shop Practices and Tools	4	WECM	\$300.00
314140	HVAC & Refrigeration Technology II DC (2nd semester)	1	TC	HART 1407	Refrigeration Principles	3	WECM	\$300.00
313150	Industrial Maintenance DC (1st semester)	1/2	TC	CETT 1409	DC/AC Circuits	4	WECM	\$300.00+TI-83 calculator
313150	Industrial Maintenance DC (2nd semester)	1/2	TC	ELPT 1321	Intro to Safety & Tools	3	WECM	\$300.00+TI-83 calculator (+ \$25 OSHA cert end of first year)
Career and Technology Education – Arts, Audio Visual Technology & Communications								
323130	Professional Communications DC (1 semester)	1/2	TC	SPCH 1315	Public Speaking	3	Restricted (Reading)	\$100.00
322130(1)	Audio/Video Production I DC (extended)	1	TC	RTVB 1321	TV Field Production	3	WECM	\$275.00
323140(1) 322220(1)	Audio/Video Production II & Lab DC (1st semester)	1	TC	RTVB 1305 ARTV 2341	Team Program Production I Advanced Digital Video	6	WECM	\$275.00
323140(1) 322220(1)	Audio/Video Production II & Lab DC (2nd semester)	1	TC	ARTV 1351 FLMC 2344	Team Program Production II Advanced Film & Video Ed	6	WECM	\$275.00
324150(1)	Practicum in Audio/ Video Production DC (1st semester)	1	TC	RTVB 2335 RTVB 2337	Television Production TV Prod Workshop I	6	WECM	\$275.00
324150(1)	Practicum in Audio/ Video Production DC (2nd semester)	1	TC	RTVB 2355 FLMC 2334	TV Prod Workshop II Directing for Film or Video	6	WECM	\$275.00
324090 324210	Commercial Photography II & Lab DC (extended)	2	TC	COMM 1318	Photography I	3	WECM	\$100.00
324130	Practicum in Commercial Photography DC (extended)	2	TC	COMM 1319	Photography II	3	Prerequisite: COMM 1318	\$100.00
132030	Digital Design & Media Production: Newspaper I DC (extended)	1	TC	COMM 1307	Introduction to Mass Communications	3	Non-restricted	\$100.00
132060	Graphic Design & Illustration 1: Newspaper II DC (extended)	1	TC	COMM 1335	Introduction to Electronic Media	3	Non-restricted	\$100.00
134050	Advanced Journalism: Newspaper III DC (extended)	1	TC	COMM 2311	Media Writing	3	Non-restricted	\$100.00
132020	Digital Design & Media Production: Yearbook I DC (extended)	1	TC	COMM 1307	Introduction to Mass Communications	3	Non-restricted	\$100.00
132080	Graphic Design & Illustration: Yearbook II DC (extended)	1	TC	COMM 1335	Introduction to Electronic Media	3	Non-restricted	\$100.00
134040	Advanced Journalism: Yearbook III DC (extended)	1	TC	COMM 2311	Media Writing	3	Non-restricted	\$100.00
132050	Graphic Design & Illustration Lab: Newspaper Editors I DC (extended)	1	TC	COMM 2305	Editing and Layout	3	Concurrent: COMM 1335	\$100.00
133070	ISJ: Newspaper Editors II DC (extended)	1	TC	COMM 2315	News Reporting	3	Concurrent: COMM 2311	\$100.00

132060	Graphic Design & Illustration Lab: Yearbook Editors I DC (extended)	1	TC	COMM 2305	Editing and Layout	3	Concurrent: COMM 1335	\$100.00
133070	ISJ: Yearbook Editors II DC (extended)	1	TC	COMM 2315	News Reporting	3	Concurrent: COMM 2311	\$100.00
Career and Technology – Business, Marketing, & Finance								
333030	Business Information Management 1 DC (extended)	1	TC	BCIS 1305	Business Computer Applications	3	Non-restricted	\$100.00
353040	Statistics and Business Decision Making DC (Finite Math) (1st semester)	1/2	TC	MATH 1324	Math for Business and Social Sciences	3	Restricted (Math)	\$100.00
353040	Statistics and Business Decision Making DC (Business Calculus) (2nd semester)	1/2	TC	MATH 1325	Calculus for Business & Social Sciences	3	Prerequisite: MATH 1324	\$100.00
352050	Accounting I DC (extended)	1	TC	ACNT 1303	Intro to Accounting I	3	WECM	\$125.00
353060	Accounting II DC (extended)	1	TC	ACNT 1304	Intro to Accounting II	3	WECM	\$125.00
433020	Practicum Marketing DC, year 1 (1st semester)	1	TC	MRKG 1311 MRKG 1380	Prin of Marketing Coop Ed Bus	6	WECM	\$125.00
433020	Practicum Marketing DC, year 1 (2nd semester)	1	TC	MRKG 1302 MRKG 1381	Prin of Retailing Coop Ed Bus	6	WECM	\$125.00
434030	Practicum Marketing DC, year 2 (1st semester)	1	TC	MRKG 2348 MRKG 2380	Marketing R & S Coop Ed Bus	6	WECM	\$125.00
434030	Practicum Marketing DC, year 2 (2nd semester)	1	TC	MRKG 2349 MRKG 2381	Ad & Sales Promo Coop Ed Bus	6	WECM	\$125.00
463020	Career Prep I DC (extended)	2	TC	LEAD 1100	Bring Your "A" Game to Work	1	WECM	\$125
464020	Career Prep II DC (extended)	3	TC	HRPO 1280	Human Resources / Management Personnel Administration	2	WECM	\$125
Career and Technology Education – Education & Training								
343200	Human Growth & Development DC (extended)	1	TC	PSYC 2314	Lifespan Growth & Development	3	Restricted (Reading)	\$100.00
252500	Interpersonal Skills DC (1 sem)	1/2	TC	PSYC 1300	Learning Frameworks	3	Non-restricted	\$100.00
344040	Practicum in Education and Training DC (1st semester)	1	TC	EDUC 1301	Introduction to Teaching	3	Non-restricted	\$100.00
344040	Practicum in Education and Training DC (2nd semester)	1	TC	EDUC 2301	Introduction to Sp Pops	3	Non-restricted	\$100.00
Career and Technology Education – Health Science								
374050	Practicum in Health Science I DC - CNA (1st semester)	1	TC	NURA 1301	Nurse Aide for Health Care	3	Prerequisite: high school biology Note: must maintain a C average to remain in the program	\$300 + \$54 background ck + \$30 drug screen, \$30 physical + \$106 scrubs/shoes
374050	Practicum in Health Science I DC - CNA (2nd semester)	1	TC	NURA 1160	Clinical Nurse Aide Assistant	1	Prerequisite: high school biology Note: must maintain a C average to remain in the program	\$300 + \$20 liability ins + \$106 cert exam
373060	Pharmacology DC (fall semester)	1	TC	PHRA 1301	Introduction to Pharmacy	3	Restricted (Reading)	\$250.00

373060	Pharmacology DC (spring semester)	1	TC	PHRA 1305	Drug Classification	3	Restricted (Reading)	\$250.00
373340	Practicum in Health Science I – Pharmacy Technician DC (extended)	2	TC	PHRA 1309	Pharmaceutical Mathematics	3	Restricted (Math)	\$250.00
282020	Sports Medicine I DC (1st semester)	1/2	TC	PHED 1306	First Aid	3	Non-restricted	\$250.00
282020	Sports Medicine I DC (2nd semester)	1/2	TC	PHED 2356	Care and Prevention of Athletic Injuries	3	Non-restricted	\$250.00
Career and Technology Education – Hospitality & Tourism								
383070	Culinary Arts DC (1st semester)	1	TC	CHEF 1305	Sanitation and Safety	2	WECM	\$125 +\$30 kit (ServSafe Food Protection Manager cert.)
383070	Culinary Arts DC (2nd semester)	1	TC	RSTO 1313 RSTO 1325	Hospitality Supervision Purchasing for Hospitality Operations	6	WECM	\$125 (+\$30 kit if lab coat soiled) (Manage First Hospitality HR Mgt & Supervision cert.)
384080	Advanced Culinary Arts DC (extended)	2	TC	CHEF 1401 HAMG 1221	Basic Food Prep Intro. to Hospitality Industry	6	WECM	\$125 (+\$30 kit if lab coat soiled)
384090	Practicum in Culinary Arts DC (1st semester)	1	TC	CHEF 2301	Intermediate Cooking	3	WECM	\$125 (+\$30 kit if lab coat soiled) (multiple cert. available)
384090	Practicum in Culinary Arts DC (2nd semester)	1	TC	PSTR 1301	Baking	3	WECM	\$125 (+\$30 kit if lab coat soiled) (multiple cert. available)
Career and Technology Education – Human Services								
393030	Child Development DC (extended)	1	TC	PSYC 2308	Child Psychology	3	Restricted (Reading)	\$100.00
042300	Child Development Associate Foundations DC (fall semester)	1	TC	CDEC 1317	Child Development Associate Training I	3	Non-restricted	\$100.00
042300	Child Development Associate Foundations DC (spring semester)	1	TC	CDEC 2322	Child Development Associate Training II	3	Non-restricted	\$100.00
393050	Intro to Cosmetology DC (1st semester)	1	TC	CSME 1401	Orientation to Cosmetology	4	WECM	\$300 + \$25 permit + appx. \$102.88 kit
393100	Cosmetology I DC (2nd semester)	2	TC	CSME 1310	Intro to Haircutting & Related Theory	4	WECM	\$300.00
394110	Cosmetology II DC (1st semester)	2	TC	CSME 1453	Intro to Chemical Reformation	4	WECM	\$300 + appx. \$83.25 kit
393060	Principles of Cosmetology Design & Color Theory DC (2nd semester)	1	TC	CSME 2310	Advanced Haircutting & Related Theory	3	WECM	\$300.00
Career and Technology Education – Information Technology								
403030	Internetworking Technologies I DC (extended)	1	TC	ITCC 1314	CCNA1: Introduction to Computer Maintenance	4	WECM	\$125.00
404010	Internetworking Technologies II DC (extended)	1	TC	ITCC 1344	CISCO 2: Switching, Routing & Wireless Essentials	4	WECM	\$125.00
041210	Introduction to C# Programming Applications DC (extended)	1	TC	ITSE 1329 COSC 1336	Programming Logic & Design / Programing Fundamentals I	6	Non-restricted	\$225.00
401060	Computer Science I DC – Python (extended)	1	TC	ITSE 1329 ITSE 1391	Programming Logic & Design / Python	6	Non-restricted	\$125.00

401300	Web Design DC (extended)	1	TC	IMED 1316	Web Design I	3	COSC 1336 – Programming Fundamentals	\$125.00
403250	Practicum in Information Technology DC (extended)	1	TC	ITSC 1321	Intermediate PC Operating Systems	3	Non-restricted	\$125.00
Career and Technology Education – Law & Public Services								
411050	Principles of Law, Public Safety, Corrections, & Security DC (extended)	1	TC	CRIJ 1301	Intro to Criminal Justice	3	WECM	\$100.00
412010	Correctional Services DC (extended)	1	TC	CRIJ 2313	Correctional Systems and Practices	3	WECM	\$100.00
413100	Law Enforcement I DC (extended)	1	TC	TBD	TBD	TBD	WECM	n/a
414040	Law Enforcement II DC (extended)	1	TC	TBD	TBD	TBD	WECM	n/a
Career and Technology Education – Manufacturing								
423000	Welding I DC (1st semester)	1	TC	WLDG 1337	Intro to Welding Metallurgy	3	WECM	\$300.00 + \$30 course fee (non-synthetic boots, jeans & T-shirt required)
423000	Welding I DC (2nd semester)	1	TC	WLDG 1421	Welding Fundamentals	4	WECM	\$300.00 + \$30 course fee (+\$25 OSHA 10 certification fee)
424010	Welding II DC (1st semester)	1	TC	WLDG 1428	Intro to Shield Metal Arc	4	WECM	\$300.00 + \$30 course fee non-synthetic boots, jeans & T-shirt required)
424010	Welding II DC (2nd semester)	1	TC	WLDG 2443	Adv Shield Metal Arc	4	WECM	\$300.00 + \$30 course fee
Career and Technology Education – Science, Technology, Engineering & Mathematics								
443030	AC/DC Electronics DC (1st semester)	1/2	TC	CETT 1409	DC/AC Circuits	4	WECM	\$300.00+TI-83 calculator
443030	AC/DC Electronics DC (2nd semester)	1/2	TC	ELPT 1321	Intro. to Electrical Safety & Tools	3	WECM	\$300.00 +TI-83 calculator (+ \$25 OSHA Cert end of first year)
444040	Solid State Electronics DC (1st semester)	1/2	TC	ELPT 1325	National Electric Code I	3	WECM	\$300.00
444040	Solid State Electronics DC (2nd semester)	1/2	TC	DFTG 1329	Electro-Mechanical Drafting	3	WECM	\$300.00
444050	Practicum in STEM DC	2	TBD	TBD	TBD	TBD	TBD	n/a

THS Course Number	THS Course Name	Credit	College	College Course Number	College Course Name	Hours	Entrance Testing Requirements	Estimated In-District Fees
Career and Technology Education – Transportation, Distribution & Logistics								
453010	Automotive Technology I: Maintenance & Light Repair DC (1st semester)	1	TC	AUMT 1405	Intro to Auto Technology	4	WECM	\$300.00
453010	Automotive Technology I: Maintenance & Light Repair DC (2nd semester)	1	TC	AUMT 1312	Basic Automotive Service	3	WECM	\$300.00
454020	Automotive Technology II: Automotive Service DC (1st sem)	1	TC	AUMT 1257 AUMT 1310	Auto Brake Systems Theory Auto Brake Systems	5	WECM	\$300.00
454020	Automotive Technology II: Automotive Service DC (2nd sem)	1	TC	AUMT 1307	Automotive Electrical Systems	3	WECM	\$300.00
453100	Collision Repair DC (1st semester)	1	TC	ABDR 1307	Collision Repair Welding	3	WECM	\$300.00
453100	Collision Repair DC (2nd semester)	1	TC	ABDR 1203	Vehicle Design & Structural Analysis	2	WECM	\$300.00
454110	Painting & Refinishing DC (1st sem)	1	TC	ABDR 1201	Auto Body Repair & Repainting	2	WECM	\$300.00
454110	Painting & Refinishing DC (2nd semester)	1	TC	ABDR 1411	Vehicle Measurement & Damage Repair Procedures	4	WECM	\$300.00

Students with Disabilities

Texarkana College accepts students who have potential for academic success in a post-secondary educational institution. Texarkana College is committed to providing qualified students with disabilities equal access to its facilities, activities, and programs. Section 504 of the Federal Rehabilitation Act of 1973, as amended, and the Americans with Disabilities Act of 1990 (ADA) requires public colleges and universities provide reasonable accommodations for qualified students with disabilities. Accommodations are provided on an individual basis following presentation of documentation that confirms the presence of a disability that results in a substantial limitation of a major life function as defined under Section 504 and the ADA. To request testing or course accommodations, a student with a disability should contact Student Retention Special Needs at 903-823-3349.

Nondiscrimination Policy

The policy of Texarkana Independent School District is to comply fully with the nondiscrimination provisions of all state and federal laws and regulations by assuring that students are afforded equal access to regular, vocational, special education programs, and activities without regard to race, religion, color, national origin, sex, or handicapping conditions as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended. Texarkana ISD will also 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 on your rights or grievance procedures, contact the Title IX Coordinator or the Section 504 Coordinator at 3413 Summerhill Road, Texarkana, TX 75503, phone 903-793-7561.

Alternative Methods for Earning Credit

TISD students have the opportunity to earn credit beyond enrollment in the traditional classroom setting. Specific requirements must be met in using the following alternative methods for earning credit.

TEXAS VIRTUAL SCHOOL NETWORK (TxVSN)

The 80th Texas Legislature passed Senate Bill 1788, authorizing the Texas Education Agency to establish and administer a state virtual school network to provide education to students through electronic means. An electronic course is defined as a course in which instruction and content are delivered primarily over the Internet; a student and teacher are in different locations for a majority of the student's instructional period; most instructional activities take place in an online environment; the online instructional activities are integral to the academic program; extensive communication between a student and a teacher and among students is emphasized; and a student is not required to be located on the physical premises of a school district or open-enrollment charter school.

The Texas Virtual School Network (TxVSN) provides opportunities and options for Texas students through online courses. Students who wish to enroll in a Texas Virtual School Network course must submit a written request to the principal on the campus in which they are enrolled and must receive approval prior to enrollment. Students will not be allowed to enroll in a TxVSN course if TISD offers the same or a similar course; however, students who have been approved for early graduation may apply for enrollment in English III. TxVSN courses that are not offered in TISD are eligible for application. TxVSN courses are available only to enrolled high school students, and course costs must be assumed by the student. All TxVSN courses are unweighted.

CORRESPONDENCE COURSES

Students in grades 9-12 may earn a maximum of two units of credit by correspondence. Credit toward state or local graduation requirements may be granted for correspondence courses only under the following conditions:

- ***Prior to enrolling in the correspondence course(s), a student must make a written request to the principal or designee for approval to enroll in a course.***
- Courses are offered through the University of Texas at Austin, Texas Tech University, or other public institutions of higher education as approved by the Commissioner of Education.
- The correspondence course includes the state-required TEKS for such a course (19 TAC 74.23).
- The student earns a grade of 70 or higher in the approved course.

CREDIT BY EXAMINATION WITHOUT PRIOR INSTRUCTION

TISD students have the option of accelerating coursework without prior instruction and earning course credit by examination (CBE). Courses that have an EOC (End-of-Course) state assessment assigned are not available for acceleration. These courses include English I, English II, Algebra I, Biology, and US History. Students must follow the district procedures and schedule for taking a CBE and must score "80" or above to receive credit. The district will offer four testing dates in the calendar year. Students may choose from one of these dates and must submit a written request to the campus principal. Students in grades K-7 must successfully complete CBEs in all four core areas in order to earn promotion. Students in grades 8-12 must successfully complete the CBE in a specific course in order to earn credit for that course. Texas State Board of Education rules put a cap on the number of times a student may attempt to earn CBE for a course. Students who are unsuccessful may retest during one additional administration in the same school year; however, students will not be eligible to take a CBE for a particular course more than two times. If a student fails to earn credit before the beginning of the school year in which the student would be required to enroll in the course, then the student would need to complete the course instead of taking a CBE. Courses completed through CBEs are unweighted.

CREDIT BY EXAMINATION WITH PRIOR INSTRUCTION

TISD students have the option of recovering credit after failing a course with a grade between "50" and "69." A student whose average is lower than "50" is not eligible for credit by examination. Students must follow the district procedures and schedule for taking a CBE and must score "70" or above to receive credit. The district will offer four testing dates in the calendar year. Students may choose from one of these dates and must submit a written request to the campus principal. If a student is awarded credit by examination, the score attained on the exam is recorded on the student's Academic Achievement Record. For students in grades 9-12, this score is unweighted for class rank.

SUMMER SCHOOL

The purpose of the TISD Summer School Program is credit recovery. Courses taught during summer school are not eligible for acceleration or for first time enrollment. These courses supplement instruction in courses that students did not successfully complete during the regular school year. Summer school courses have a course weight of 1.1.

EARLY GRADUATION

Students who wish to graduate after completing three years of high school must submit a written request to the campus principal as early as possible, preferably no later than the end of the first semester of the 10th grade year. Approved students will have the opportunity to earn credit for English III through the successful completion of credit by examination (CBE) or the Texas Virtual School Network (TxVSN) course. Courses completed through CBE or TxVSN are unweighted.

“ON TIME” GRADUATION

Once a student enters high school, graduation generally occurs after a four-year course of study. Students who fail a course and do not recover credit for the course during the following summer session or through Credit by Examination will find it difficult to graduate within this timeframe. The principal may make an exception, allowing a student to enroll in summer school for acceleration, so that the student can graduate at the end of the fourth year in high school.

HIGH SCHOOL COURSES TAKEN BEFORE HIGH SCHOOL ENROLLMENT

Texas Middle School offers several courses in which students may earn high school credit, including courses in the accelerated math program. Students who wish to accelerate in math courses may enroll in these high school courses or may apply for credit by examination (CBE). Middle school students are not eligible for courses under the TxVSN. Courses taken before students enroll in high school are unweighted. If students have completed the prerequisite courses and are otherwise eligible to take a course on the high school campus, the parents must provide transportation.

PARTIAL CREDIT

Effective with the 2016–17 school year, when a student earns a passing grade in only one semester of a two-semester course and the combined (average) grade for the two semesters is at least a 70 on a scale of 100, the District shall award credit for the course. However, the student must have earned at least a 60 in order for the District to average the semester grades. The District shall also not average the semester grades when a student fails to earn credit due to excessive absences [see FEC].

If the combined grade for the two semesters is lower than 70, when the student’s grade for a semester is lower than 60, or when the student has failed to earn credit due to excessive absences, the District shall award the student credit for the semester with the passing grade as long as the student has also met the attendance requirements. The student shall be required to retake only the semester in which he or she earned the failing grade or failed to earn credit. For more information, see Board Policy EI (Local).

Independent Research

The Independent Research course is an individualized study supervised by an instructor in a specific area as an extension of regular classroom curriculum. This course is designed for eleventh and twelfth grade students who are enrolled in a class which is not offered for Pre-AP or AP level credit. The student may complete Independent Research and receive 1.80 weighting for that class. The maximum Independent Research course weight allowed per course per semester is ½ credit, even in a one credit per semester course.

In the course, the student will complete the regular course curriculum but will also move beyond that course curriculum. The classroom teacher still controls the curriculum by designing the umbrella or parameters that the product choices support; however, the student will take an active role in determining the focus of the Interdisciplinary Studies course by choosing the field of study and by determining the methods of study. In Independent Research, the student becomes responsible for his or her own learning. The scope and complexity of the student's work will clearly demonstrate a level of performance beyond high school standards.

During the semester of study, the student will complete three components:

- a **portfolio**, which serves as a record of the course;
- a **product**, which is a demonstration of what the student has learned during the semester of study;
- a **presentation**, during which the student stands in defense of the work before an academic committee.

To participate in Independent Research, students must follow specific procedures and timelines. Information may be obtained by contacting the Coordinator of Independent Research, the classroom teacher, or the academic advisor. Students must be enrolled in the Independent Research enrichment course.

Retaking Courses

Students who have successfully completed a course for state graduation credit may retake that course for local credit. This local credit course must be taken the year following the successful completion of the course. Any exceptions to the time limit must be authorized by a Student Intervention Team (SIT committee).

Physical Education Graduation Requirement

Students are required to satisfy a 1 credit graduation requirement for physical education. Students may earn up to 4 full state credits in physical education. Students may satisfy the physical education graduation requirement in several ways.

1) *By taking a physical education course*

Students should take *Foundations of Personal Fitness* first. The other PE requirements could be fulfilled with courses located under the physical education page in this guide.

2) *By taking a physical education equivalent activity*

For these courses, students receive PE credit for the experience. For a list of these activities, see the physical education equivalent page in this guide.

3) *By taking a course which counts as a physical education waiver*

For these courses, students do NOT receive PE credit on their transcripts. Their PE obligation is reduced one-half credit each time they complete a semester's work in the PE waiver activity. Students receive the regular academic credit on their academic achievement record for these physical education waiver courses:

Dance/Drill Team I, II, III, IV (2nd semester only)

Band I, II, III, IV (1st semester only)

Textbooks

Textbooks are state-owned and are issued to students free of charge. Each student is responsible for paying for lost or damaged books.

Gifted/Talented Program

Gifted students perform at or show the potential for performing at a remarkably high level of accomplishment when compared to others of the same age, experience, or environment. Texarkana ISD gifted students may receive services through Independent Research, as well as Pre-AP and AP courses.

Special Education

Special education and related services are a part of a free, appropriate public education designed to meet the unique needs of students with disabilities. The mission of special education in TISD is to create a learning environment through a unified educational system which respects and values all students. The primary focus of TISD special education programs is first and foremost the provision of services that will ensure each student's success.

Special education students are those whose identified disabilities are so limiting as to require the provision of special services in addition to, or in place of, instruction in the regular classroom. Students with disabilities have equal access to compensatory, remedial, tutorial, and other appropriate programs available to students without disabilities. Students are identified and served by special education through the utilization of the child-centered process and are educated with their peers (as appropriate) who do not have disabilities.

Special education provides all students with disabilities full educational opportunity through the utilization of a wide range of instructional arrangements and programs. Services are provided to students who are disabled beginning on their 3rd birthday and who have not reached their 22nd birthday by September 1 of the current scholastic year. Students who are identified as having a visual or auditory impairment may begin services at birth.

Instruction is designed to help the student most effectively develop those skills and concepts necessary for independent functioning. Emphasis is placed upon determining first the academic and affective strengths and deficits, then prescribing those learning activities which foster the development of those skills and concepts. Because students differ both in the preferred modality of learning and in levels of functioning, a variety of methods, materials, and techniques are utilized, with the Admission, Review, and Dismissal Committee determining which are most beneficial for the individual student's growth in mastery of skills and in acquisition of compensatory behaviors.

Section 504 Services

Section 504 is a federal civil rights law that focuses on the non-discrimination of students with disabilities. The law says that a public school, or any other federally funded public facility, cannot discriminate against a student because of a disability and must be given the same opportunities to participate in academic and extracurricular activities. Under Section 504, students with disabilities may receive accommodations as well as supplementary aids and services to ensure that their individual educational needs are met as adequately as those of non-disabled students.

Limited English Proficiency

Students who have been identified as limited English proficient may participate in a special language program that is an integral part of the total school program. The program emphasizes the mastery of basic English language skills so that students will be able to participate effectively in the regular school program as soon as practical.

Dyslexia Program

The Dyslexia Program offers instruction in a small class setting that includes reading, writing, and spelling as appropriate. The major instructional strategies utilize individualized, intensive, and multisensory methods. The program emphasizes the mastery of basic English language skills so students will be able to participate effectively in the regular school program.

Texas Grant Program

The Texas Legislature has established the "Toward Excellence, Access, & Success (TEXAS)" Grant Program, which provides grants to cover tuition and fees to Texas public universities, community colleges and technical schools. Students must meet eligibility requirements, including financial need and successful completion of the recommended, distinguished, or foundation high school graduation programs. For additional information concerning the eligibility requirements, students should consult their academic advisor.

Automatic Admission to Texas Public Universities

Under the Automatic Admission policy (Texas Education Code §51.803), Texas students may be eligible for automatic admission to a state college or university as an undergraduate student if they meet certain criteria. To qualify for automatic admission, a student must:

- 1) earn a grade point average in the top 10 percent* of his/her high school graduating class,
- 2) graduate from a Texas public or private high school (or, if the student is a Texas resident, from a high school operated by the U.S. Department of Defense),
- 3) successfully complete the requirements for the Foundation High School Program (FHSP) with an endorsement (or the equivalent if enrolled in private school) or satisfy ACT's College Readiness Benchmarks on the ACT college entrance exam or earn a score of at least 1,000 out of 1,600 on the SAT college entrance exam, and
- 4) apply for admission to a state college or university within the first two school years after graduation from high school.

Students who meet the criteria for automatic admission must submit an application before the deadline set by the college or university to which they are applying. Students must also provide a high school transcript or diploma that indicates whether they have satisfied or are on schedule to satisfy the requirements of the FHSP.

*This automatic admission program has been modified by the 81st Legislature for admission to The University of Texas at Austin (UT). Under the new law, the University is to admit automatically enough students to fill 75% of available spaces set aside for Texas residents in an entering freshman class. Using data from recent years, the University has determined that automatically admitting students in the top 6% of their high school graduating class will fill 75% of available spaces. As a result, the University will automatically admit all eligible 2023 summer/fall freshman applicants who rank within the top 6% of their high school graduating classes, with remaining spaces to be filled through holistic review. Students and parents should contact the Academic Advisor for further information about the application process and deadlines.

Ross Perot STEM Academy

The Ross Perot STEM Academy at Texas High School is a Texas Education Agency designated STEM school. The academy within Texas High School is open to incoming 9th grade students who complete an application within the specified time period. A STEM Endorsement is not a requirement of the academy, but students will be required to take one of the following courses at Texas High School to earn a STEM stole for graduation.

Ross Perot STEM Academy Qualifying Classes

Only one is required to earn a stole for graduation

- * Engineering Design and Presentation
- * Digital Media
- * Web Design
- * Computer Science I (not Dual Credit)
- * Robotics
- * Engineering Mathematics
- * Principles of Architecture
- * Principles of Health Science
- * Principles of Information Technology
- * Principles of Transportation Systems
- * Video Game Programming

NCAA Core Course Requirements

NCAA schools require college-bound student-athletes to build a foundation of high school courses to prepare them for the academic expectations in college. Not all high school classes count as NCAA core courses. Only classes in English, math (Algebra I or higher), natural or physical science, social science, foreign language, comparative religion or philosophy may be approved as NCAA core courses. Remedial classes and classes completed through credit-by-exam are not considered NCAA core courses. For more information please see your academic advisor or visit www.ncaa.org/student-athletes/future.

Naviance College & Career Readiness Package

Through Naviance, Texas High School students have the opportunity to take 3 career interest surveys to help them explore future careers. The program matches students to career clusters, and students are able to match their career interests/clusters to college and university degree plans. Naviance also offers customized ACT/SAT practice including 6 free practice tests for both the ACT and the SAT. Other services in Naviance include a resume builder, goal tracker, day planner, and the National Scholarship Search. Students may access their account in their google apps menu and clicking the Naviance student icon.

Grade Level Classification

Changes in grade level classification shall be made prior to the beginning of the fall semester. Students will be classified according to the following criteria:

Sophomore	(10 th)	-	6 – 11.5 credits earned and entering second year in an accredited high school
Junior	(11 th)	-	12 – 17.5 credits and entering third year in an accredited high school
Senior	(12 th)	-	18 or above credits, entering at least third year in an accredited high school, declaring intent to graduate during the current school year

Students transferring into the District will be classified according to the documented number of credits earned by the date of transfer and by the number of years in attendance in an accredited high school as listed above. If no official transcript is available by the date of enrollment, a transfer student will be enrolled as a freshman and will be placed in freshman-level classes, pending receipt of the official transcript.

Promotion standards, as established by the Individual Education Plan (IEP), or grade-level classification of students eligible for special education shall be determined by the ARD committee.

Cum Laude System

Texas High School recognizes at graduation those students with weighted GPAs at or above specific benchmarks. Benchmarks may require occasional adjustments as changes in curriculum dictate. Currently, graduates are recognized as follows:

Valedictorian	Highest weighted GPA
Salutatorian	Second highest weighted GPA
Summa Cum Laude	Weighted average of exactly 155.0 or higher
Magna Cum Laude	Weighted average of exactly 150.0 or higher
Cum Laude	Weighted average of exactly 143.0 or higher

Class Rank

Class rank for students will be calculated by averaging semester grades earned in grades 9 - 12. The numeric semester average will earn grade points according to the District weighted grade point scale.

Course Weight	Courses
1.80	Advanced Placement Independent Research
1.75	Dual Credit On-Campus
1.70	Pre-Advanced Placement & Honors
1.50	State Foundation State Enrichment

Course Weight	Courses
1.10	OPTIONS Summer School
1.0	Modified
Unweighted	Dual Credit Off-Campus Local Electives Credit by Exam TxVSN

State Testing Requirements

The State of Texas Assessment of Academic Readiness (STAAR) replaced the Texas Assessment of Knowledge and Skills (TAKS) in 2011-12. Students in the State of Texas must satisfy the requirements of the STAAR to meet state graduation requirements.

Under the STAAR assessment system, students must show mastery of concepts on five end-of-course (EOC) tests in the four foundation content areas. Students will take the following STAAR exams:

Subject Area	End-of-Course Exam
English Language Arts	<i>English I and English II</i>
Mathematics	<i>Algebra I</i>
Science	<i>Biology</i>
Social Studies	<i>U.S. History</i>

The STAAR tests include a variety of multiple-choice questions with multiple steps per question and increased complexity in higher level thought processes. The STAAR EOCs, which are aligned to college and career readiness, measure student performance and academic growth.

EOC Requirements for Graduation

To determine a student's performance, four levels of student performance will be used:

- Did Not Meet
- Approaches Grade Level (passed)
- Meets Grade Level (on grade level)
- Masters Grade Level (commended)

To meet the State graduation requirements for assessment, a student must achieve the satisfactory academic performance level on each of the five assessments.

Reading List of Major Literary Selections

English Language Arts

The following novels, plays, poems, films, and non-fiction pieces are the major literary selections taught in the English Language Arts Department. Assignment of these selections may vary by teacher.

ENGLISH I

Lam to the Slaughter (Roald Dahl)
**Legend* (Marie Lu)
**Prodigy* (Marie Lu)
Odyssey, The (Homer)
Romeo and Juliet (William Shakespeare)

ENGLISH II

**Animal Farm* (George Orwell)
**Ender's Game* (Orson Scott Card)
**Ethan Frome* (Edith Wharton)
Fahrenheit 451 (Ray Bradbury)
Frankenstein (Mary Shelley)
Julius Caesar (William Shakespeare)
**Kite Runner* (Khaled Hosseini)
Life of Pi (Yann Martel)
Medea (Euripides)
Metamorphosis, The (Franz Kafka)
Night (Elie Wiesel)
**Oedipus* (Sophocles)
Of Mice and Men (John Steinbeck)
**Separate Peace, A* (John Knowles)
To Kill a Mockingbird (Harper Lee)
Twelve Angry Men (Reginald Rose)
**Twelfth Night* (William Shakespeare)

ENGLISH III

**As I Lay Dying* (William Faulkner)
Atlas Shrugged (Ayn Rand)
**Awakening, The* (Kate Chopin)
Behold the Dreamers (Imbolo Mbue)
Billy Bud (Herman Melville)
Bronx Masquerade (Nikki Giovanni)
Cannery Row (John Steinbeck)
Cold Sassy Tree (Olive Ann Burns)
Color Purple, The (Alice Walker)
Crucible, The (Arthur Miller)
Death of a Salesman (Arthur Miller)
Education of Little Tree, The (Forrest Carter)
Fountain Head (Ayn Rand)
Friday Night Lights (H. G. Bissinger)
**Grapes of Wrath, The* (John Steinbeck)
Great Gatsby, The (F. Scott Fitzgerald)
Hedda Gabbler (Henrik Ibsen)
**Huckleberry Finn* (Mark Twain)
Merchant of Venice (William Shakespeare)
Native American Literature (Selected Stories)
Old Man and the Sea, The (Ernest Hemingway)
Red Badge of Courage, The (Stephen Crane)
Raisin in the Sun, A (Lorraine Hansberry)
Scarlet Letter, The (Nathaniel Hawthorne)
Secret Life of Bees, The (Sue Monk Kidd)
Sun Also Rises, The (Ernest Hemingway)
Tuesdays with Morrie (Mitch Albom)

ENGLISH IV

1984 (George Orwell)
ABC Murders (Agatha Christie)
Ballad Poetry
Becket (Jean Anouilh)
Beowulf
Canterbury Tales, The (Geoffrey Chaucer)
Count of Monte Cristo (Alexandre Dumas)
Feed (Matthew Tobin Anderson)
Gulliver's Travels (Jonathan Swift)
Hamlet (William Shakespeare)
Harry Potter and the Deathly Hallows (J.K. Rowling)
Heart of Darkness (Joseph Conrad)
How to Read Literature Like a Professor (Thomas C. Foster)
Jane Eyre (Charlotte Bronte)
Lyric Poetry Selections
Lord of the Flies (William Golden)
Macbeth (William Shakespeare)
Modest Proposal, A (Jonathan Swift)
Rosencrantz and Guildenstern are Dead (Tom Stoppard)
Sir Gawain and the Green Knight (Sit Gawain Poet)
Stamped (Jason Reynolds)
Tale of Two Cities, A (Charles Dickens)
The House on Mango Street, (Sandra Cisneros)

***PreAP and AP Literature Classes**

Literature Circle Book List

English Language Arts

English classroom readings may also include the following selections:

Ninth Grade

20,000 Leagues Under the Sea (Jules Verne)
57 Bus (Dashka Slater)
A Journey to the Center of the Earth (Jules Verne)
All the Bright Places by Jennifer Niven
American Born Chinese by Gene Luene Yang
Black Flowers, White Lies by Yvonne Ventresca
Champion by Marie Lu
Children of Blood and Bone by Tomi Adeyemi
Children of Virtue and Vengeance by Tomi Adeyemi
Count All Her Bones (April Henry)
Diary of Anne Frank
Eleanor and Park by Rainbow Rowell
Fault in Our Stars by John Green
Girl, Stolen (April Henry)
I Have a Bad Feeling About This (Jeff Strand)
Independent Study (Joelle Charbonneau)
Key, Kiddo (Jared Krosoczka)
Miles Morales- Spider Man (Jason Reynolds)
Not You're Perfect Mexican Daughter (Erika Sanchez)
One of Us Is Lying (Karen McManus)
One of Us is Next (Karen McManus)
Red Rising by Pierce Brown
Speak by Laurie Halse Anderson
That Was Then This is Now by S.E. Hinton
The Boy in the Black Suit (Jason Reynolds)
The Fault in Our Stars by John Green
The Gilded Ones (Namina Forna)
The Glass Castle by Jeannette Walls
The Other Wes Moore by Wes Moore
The Testing by Joelle Charbonneau
Twisted by Laurie Halse Anderson
Unwind (Neil Shusterman)
We Were Liars by E. Lockhart
We'll Fly Away (Bryan Bliss)

Tenth Grade

Book Thief, The by Markus Zusak
Chinese Cinderella: True Story of an Unwanted Daughter by Adeline Yen Mah
Complete Stories of Edgar Allen Poe by Edgar Allen Poe
Following the Rabbit Proof Fence by Doris Pilkington Hiroshima by John Hersey
Hunger Games by Suzanne Collins
In The Time of Butterflies by Julia Alvarez
Like Water for Chocolate by Laura Esquivel
Of Beetles and Angels: A Boy's Remarkable Journey From a Refugee Camp to Harvard by Mawl Asgedom
One Hundred Years of Solitude by Gabriel Garcia Marquez
Paper Towns by John Green
Salvage the Bones by J. Ward
The Complete Stories of Edgar Allen Poe
The Fault in Our Stars by John Green
The Mysterious Strangers and Other Stories by Mark Twain

Eleventh Grade

Carmelo by Sandra Cisneros
Friday Night Lights by H.G. Bissinger
Gracie by Suzanne Weyn
Habibi by Craig Thompson
Mexican Whiteboy by Matt de la Pena
Moneyball: The Art of Winning an Unfair Game by Michael Lewis
Morbo: The Story of Spanish Football by Phil Ball
Rainbows are Made by Carl Sandburg
Senior Year: A Father, A Son and High School Baseball by Dan Shaughnessy
Skin I'm In, The by Sharon Flake
Solo: A Memoir of Hope by Hope Solo
Sula by Toni Morrison
The Education of Little Tree by Forest Carter
The Rose that Grew from Concrete by Tupac Shakur
The Things They Carried by Tim O'Brien
Their Eyes Were Watching God by Zora Neal Hurston
Triumph: The Untold Story of Jesse Owens and Hitler's Olympics by Jeremy Schaap
Wall of Fame by Jonathan L Freedman
When I Was Puerto Rican by Esmeralda Santiago
You Let Some Girl Beat You by Ann Meyers Drysdale
Yummy: The Last Day of a Southside Shorty by G.Neri

Twelfth Grade

1984 by George Orwell
A Lesson Before Dying by Ernest J. Gains
Chaos, The by Rachel Ward
Harry Potter and the Deathly Hallows by JK Rowling
House of the Scorpion by Nancy Farmer
House on Mango Street, The by Sandra Cisneros
I am Malala by Malala Yousafzai
Infinity by Rachel Ward
Jumping Off Swings by Jo Knowles
Lord of the Flies by William Golding
Perspolis by Marjane Satrapi
Ready Player One by Ernest Cline
The Giver by Lois Lowry
The Glass Castle by Jeannette Walls
The Lost Girl by Sangu Mandana
The Lost Girl by Sangu Mandanna
The Other Wes Moore by Wes Moore

101 Great Books

Recommended for College-Bound Readers by the College Board

<i>A Death in the Family</i> (James Agee)	<i>Romeo and Juliet</i> (William Shakespeare)
<i>A Doll's House</i> (Henrik Ibsen)	<i>Selected Essays</i> (Ralph Waldo Emerson)
<i>A Farewell to Arms</i> (Ernest Hemingway)	<i>Selected Tales</i> (Edgar Allan Poe)
<i>A Good Man is Hard to Find</i> (Flannery O'Connor)	<i>Slaughterhouse-Five</i> (Kurt Vonnegut, Jr.)
<i>A Midsummer Night's Dream</i> (William Shakespeare)	<i>Swann's Way</i> (Marcel Proust)
<i>A Portrait of the Artist as a Young Man</i> (James Joyce)	<i>Tess of the D'Urbervilles</i> (Thomas Hardy)
<i>A Tale of Two Cities</i> (Charles Dickens)	<i>The Adventures of Augie March</i> (Saul Bellow)
<i>All Quiet on the Western Front</i> (Erich Maria Remarque)	<i>The Adventures of Huckleberry Finn</i> (Mark Twain)
<i>An American Tragedy</i> (Theodore Dreiser)	<i>The Awakening</i> (Kate Chopin)
<i>Animal Farm</i> (George Orwell)	<i>The Bell Jar</i> (Sylvia Plath)
<i>Antigone</i> (Sophocles)	<i>The Call of the Wild</i> (Jack London)
<i>As I Lay Dying</i> (William Faulkner)	<i>The Canterbury Tales</i> (Geoffrey Chaucer)
<i>Babbitt</i> (Sinclair Lewis)	<i>The Catcher in the Rye</i> (J.D. Salinger)
<i>Bartleby the Scrivener</i> (Herman Melville)	<i>The Cherry Orchard</i> (Anton Chekov)
<i>Beloved</i> (Toni Morrison)	<i>The Color Purple</i> (Alice Walker)
<i>Beowulf</i>	<i>The Crucible</i> (Arthur Miller)
<i>Brave New World</i> (Aldous Huxley)	<i>The Crying of Lot 49</i> (Thomas Pynchon)
<i>Call It Sleep</i> (Henry Roth)	<i>The Glass Menagerie</i> (Tennessee Williams)
<i>Candide</i> (Voltaire)	<i>The Good Soldier</i> (Ford Madox Ford)
<i>Catch 22</i> (Joseph Heller)	<i>The Grapes of Wrath</i> (John Steinbeck)
<i>Ceremony</i> (Leslie Marmon Silko)	<i>The Great Gatsby</i> (F. Scott Fitzgerald)
<i>Collected Stories</i> (Eudora Welty)	<i>The House of Mirth</i> (Edith Wharton)
<i>Crime and Punishment</i> (Fyodor Dostoyevsky)	<i>The Hunchback of Notre Dame</i> (Victor Hugo)
<i>Cyrano de Bergerac</i> (Edmond Rostand)	<i>The Iliad</i> (Homer)
<i>Death Comes for the Archbishop</i> (Willa Cather)	<i>The Last of the Mohicans</i> (James Fenimore Cooper)
<i>Doctor Zhivago</i> (Boris Pasternak)	<i>The Magic Mountain</i> (Thomas Mann)
<i>Don Quixote</i> (Miguel de Cervantes)	<i>The Metamorphosis</i> (Franz Kafka)
<i>Fathers and Sons</i> (Ivan Turgenev)	<i>The Mill on the Floss</i> (George Eliot)
<i>Faust</i> (Johann Wolfgang von Goethe)	<i>The Odyssey</i> (Homer)
<i>Frankenstein</i> (Mary Shelley)	<i>The Picture of Dorian Gray</i> (Oscar Wilde)
<i>Go Tell It on the Mountain</i> (James Baldwin)	<i>The Portrait of a Lady</i> (Henry James)
<i>Gulliver's Travels</i> (Jonathan Swift)	<i>The Red Badge of Courage</i> (Stephen Crane)
<i>Hamlet</i> (William Shakespeare)	<i>The Scarlet Letter</i> (Nathaniel Hawthorne)
<i>Heart of Darkness</i> (Joseph Conrad)	<i>The Sound and the Fury</i> (William Faulkner)
<i>Inferno</i> (Dante)	<i>The Stranger</i> (Albert Camus)
<i>Invisible Man</i> (Ralph Ellison)	<i>The Three Musketeers</i> (Alexandre Dumas)
<i>Jane Eyre</i> (Charlotte Bronte)	<i>The Turn of the Screw</i> (Henry James)
<i>Leaves of Grass</i> (Walt Whitman)	<i>The Woman Warrior</i> (Maxine Hong Kingston)
<i>Long Day's Journey into Night</i> (Eugene O'Neill)	<i>Their Eyes Were Watching God</i> (Nora Neale Hurston)
<i>Lord of the Flies</i> (William Golding)	<i>Things Fall Apart</i> (Chinua Achebe)
<i>Macbeth</i> (William Shakespeare)	<i>To Kill a Mockingbird</i> (Harper Lee)
<i>Madame Bovary</i> (Gustave Flaubert)	<i>To the Lighthouse</i> (Virginia Woolf)
<i>Moby Dick</i> (Herman Melville)	<i>Tom Jones</i> (Henry Fielding)
<i>Narrative of the Life of Frederick Douglass</i> (Frederick Douglass)	<i>Treasure Island</i> (Robert Louis Stevenson)
<i>Native Son</i> (Richard Wright)	<i>Uncle Tom's Cabin</i> (Harriet Beecher Stowe)
<i>Oedipus Rex</i> (Sophocles)	<i>Vanity Fair</i> (William Thackeray)
<i>One Day in the Life of Ivan Denisovich</i> (Alexander Solzhenitsyn)	<i>Waiting for Godot</i> (Samuel Beckett)
<i>One Hundred Years of Solitude</i> (Gabriel Garcia Marquez)	<i>Walden</i> (Henry David Thoreau)
<i>Pride and Prejudice</i> (Jane Austen)	<i>War and Peace</i> (Leo Tolstoy)
<i>Pygmalion</i> (George Bernard Shaw)	<i>Wuthering Heights</i> (Emily Bronte)
<i>Robinson Crusoe</i> (Daniel Defoe)	



TEXAS HIGH SCHOOL

2022-2023

PROGRAM *of* STUDIES

& Course Description Guide

AGRICULTURE, FOOD & NATURAL RESOURCES

301000 Principles of Agriculture, Food and Natural Resources

Credit: 1

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

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

301010 Wildlife, Fisheries and Ecology Management

Credit: 1

To be prepared for careers in natural resource systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the management of game and non-game wildlife species, fish, and aquacrops and their ecological needs as related to current agricultural practices. Hunter safety certification is an option that requires a \$10.00 testing fee.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

301020 Horticulture Science

Credit: 1

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

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

302030 Landscape Design and Management

Credit: ½

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

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

303040 Floral Design I

Credit: 1

To be prepared for careers in floral design, students need to 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 knowledge and skills in a variety of settings. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

Note: This Agriculture, Food and Natural Resources course meets the state graduation requirements for one credit in fine arts.

303140 Advanced Floral Design**Credit: 1**

In this course, students build on the knowledge from the Floral Design course and are introduced to more advanced floral design concepts, with an emphasis on specialty design and specific occasion planning. Through the analysis and evaluation of various occasion and event types, students explore the design needs and expectations of clients and propose and evaluate appropriate creations. Furthermore, an emphasis on budgetary adherence and entrepreneurship equips students with many of the necessary skills needed for success in floral enterprises.

Grade: 10-12**Prerequisite: Floral Design****Course Weight: 1.50****Note: An art fee of \$20 is required for this course.****301050 Agricultural Mechanics and Metal Technologies****Credit: 1**

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

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****302000 Agricultural Structures Design and Fabrication****Credit: 1**

In this course, students attain knowledge and skills related to agricultural facilities design and fabrication to be prepared for careers in mechanized agriculture and technical systems. Students explore career opportunities, entry requirements, and industry expectations. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Grade: 11-12**Prerequisite: None****Course Weight: 1.50****302060 Agricultural Power Systems****Credit: 2**

To be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****301070 Small Animal Management****Credit: ½****302070 Small Animal Management DC****Credit: ½ (high school)****HALT 2321 Small Farming****Credit: 3 hours (college)**

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****Dual Credit Course Weight: 1.75**

302080 Livestock Production**Credit: 1**

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

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****303080 Livestock Production DC
AGAH 1447 Animal Reproduction****Credit: 1 (high school)****Credit: 3 hours (college)**

In this dual credit course, students will have the opportunity to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at Texarkana College. Animal species to be addressed in this course may include, but are not limited to, beef, cattle, dairy cattle, swine, sheep, goats, and poultry.

Grade: 10-12**Prerequisite: None****Course Weight: 1.75****302150 Range Ecology and Management****Credit: 1**

Range Ecology and Management is designed to develop students' understanding of rangeland ecosystems and sustainable forage production. To prepare for careers in environmental and natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to environmental and natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****303090 Veterinary Medical Applications****Credit: 1**

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Topics covered in this course include, but are not limited to, veterinary practices as they relate to both large and small animal species.

Grade: 11-12**Prerequisite: Equine Science, Small Animal Management or Livestock Production****Course Weight: 1.50****304100 Advanced Animal Science****Credit: 1**

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

Grade: 11-12**Prerequisite: Biology and Chemistry or IPC, Geometry and Small Animal Management, Equine Science or Livestock Production****Course Weight: 1.50****Note: This course satisfies a high school science graduation requirement.**

301110 Professional Standards in Agribusiness**Credit: ½**

To be prepared for careers in agribusiness systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to leadership development and the workplace, and develop knowledge and skills regarding agricultural career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****303000 Mathematical Applications in Agriculture, Food, and Natural Resources****Credit: 1**

In this course, students will demonstrate mathematics knowledge and skills required to solve problems related to the agriculture, food, and natural resources industries. Students will apply statistical and data analysis; will construct and analyze charts, tables, and graphs; will demonstrate knowledge of algebraic applications; and use geometric principles.

Grade: 10-12**Prerequisite: Algebra I****Course Weight: 1.50****Note: This course satisfies a high school mathematics graduation requirement.****302200 Equine Science****Credit: ½**

In this course, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science my address topics related to horses, donkeys, and mules. The student will learn about issues affecting the equine industry.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****302210 Equine Science DC****Credit: ½ (high school)****AGEQ 1411 Equine Science****Credit: 3 hours (college)**

In this course, students will acquire knowledge and skills related to equine animal systems and the equine industry. Equine Science my address topics related to horses, donkeys, and mules. The student will learn about issues affecting the equine industry.

Grade: 10-12**Prerequisite: None****Course Weight: 1.75****302100 Forestry and Woodland Ecosystems****Credit: 1**

In this course students will examine current management practices for forestry and woodlands. Special emphasis is given to management as it relates to ecological requirements and how these practices impact the environment. To prepare for success, students need opportunities to learn reinforce, apply, and transfer knowledge and skills in a variety of settings.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****303100 Practicum in Agriculture, Food, and Natural Resources****Credit: 2**

This course is designed to give students supervised practical application of knowledge and skills focusing on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

Grade: 11-12**Prerequisite: A minimum of 1 credit from the courses in the Agriculture, Food and Natural Resources Career Cluster****Course Weight: 1.50**

ARCHITECTURE & CONSTRUCTION

311000 Principles of Architecture

Credit: 1

This course provides an overview to the various fields of architecture, interior design, and construction technology. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Job-specific, skilled training can be provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology Applications; systems; safety, health and environment; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; instruction to power tools; basic rigging, and reading technical drawings.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

311010 Principles of Construction

Credit: 1

This course provides an overview to the various fields of construction technology. This course is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. Achieving proficiency in decision making and problem solving is an essential skill for career planning and lifelong learning. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Job-specific, skilled training can be provided through the use of training modules to identify career goals in trade and industry areas. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

311150 Principles of Construction DC

Credit: 1 (high school)

CRPT 1301 Introduction to Carpentry

Credit: 3 hours (college)

CNBT 1311 Introduction to Carpentry Methods & Materials

Credit: 3 hours (college)

In addition to the high school curriculum for this course, the dual credit course also will emphasize safety requirements for construction sites, including occupational health and environmental controls.

Grade: 9-12

Prerequisite: None

Course Weight: Unweighted (off campus at Texarkana College)

312010 Architectural Design I

Credit: 1

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

Grade: 10-12

Prerequisite: English I and Algebra I

Course Weight: 1.50

313020 Architectural Design II

Credit: 2

In this course, students gain advanced knowledge and skills specific to those needed to enter a career in architecture and construction or prepare a foundation toward a postsecondary degree in architecture, construction science, drafting, interior design, and landscape architecture. Advanced architectural design includes the advanced knowledge of the design, design history, techniques, and tools related to the production of drawings, renderings, and scaled models for commercial or residential architectural purposes.

Grade: 11-12

Prerequisite: Architectural Design I and Geometry

Course Weight: 1.50

314030 Practicum in Architectural Design**Credit: 2**

This course is an occupationally specific course designed to provide technical instruction in architectural design. Safety and career opportunities are included in addition to work ethics and architectural design study.

Grade: 12**Prerequisite: Architectural Design II****Course Weight: 1.50****311040 Interior Design I****Credit: 1**

This technical course addresses psychological, physiological, and sociological needs of individuals by enhancing the environments in which they live and work. Individuals use knowledge and skills related to interior and exterior environments, construction, and furnishings to make wise consumer decisions, increase productivity, and compete in industry.

Grade: 10-12**Prerequisite: Algebra I and English I****Course Weight: 1.50****312050 Interior Design II****Credit: 2**

This technical laboratory course includes the knowledge of the employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to interior spatial design to meet industry standards.

Grade: 11-12**Prerequisite: Interior Design I, English II, and Geometry****Course Weight: 1.50****313060 Practicum in Interior Design****Credit: 2**

This technical laboratory course includes the knowledge of the employability characteristics, principles, processes, technologies, communication, tools, equipment, and materials related to interior spatial design.

Grade: 12**Prerequisite: Interior Design II****Course Weight: 1.50****312300 Electrical Technology 1****Credit: 1**

In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****443200 Electrical Technology I DC****Credit: 1 (high school)****CETT 1409 AC/DC Circuits****Credit: 4 hours (college)****ELPT 1321 Intro to Electrical Safety and Tools****Credit: 3 hours (college)**

In Electrical Technology I, students will gain knowledge and skills needed to enter the workforce as an electrician or building maintenance supervisor, prepare for a postsecondary degree in a specified field of construction or construction management, or pursue an approved apprenticeship program. Students will acquire knowledge and skills in safety, electrical theory, tools, codes, installation of electrical equipment, and the reading of electrical drawings, schematics, and specifications.

Grade: 11-12**Prerequisite: None****Course Weight: Unweighted (off campus at Texarkana College)****312070 Construction Management I****Credit: 2**

In this course, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or build a foundation toward a postsecondary degree in architecture, construction science, drafting, or engineering. Construction Management includes the knowledge of the design techniques and tools related to the management of architectural and engineering projects.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50**

312080 Construction Technology I**Credit: 2**

In this course, students gain knowledge and skills specific to those needed to enter the work force as carpenters or building maintenance supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****312160 Construction Technology I DC****Credit: 2 (high school)****CNBT 1318 Construction Tools & Techniques****Credit: 3 hours (college)****CNBT 1346 Construction Estimating****Credit: 3 hours (college)****CNBT 1316 Construction Technology I****Credit: 3 hours (college)**

This dual credit course will provide an overview of the construction industry, including construction materials, methods, and applications; the selection and use of hand tools, portable and stationary power tools and related construction equipment; fundamentals of estimating materials and labor costs; and framing in residential and light commercial construction. This course is taught on the Texarkana College campus.

Grade: 10-12**Prerequisite: None****Course weight: Unweighted (off campus at Texarkana College)****313090 Construction Technology II DC****Credit: 2 (high school)****CNBT 1302 Mech., Plumbing and Electrical****Credit: 3 hours (college)****CNBT 1350 Construction Technology II****Credit: 3 hours (college)**

In this course, students gain advanced knowledge and skills specific to those needed to enter the work force as carpenters, building maintenance technicians, or supervisors or prepare for a postsecondary degree in construction management, architecture, or engineering. Students build on the knowledge base from Construction Technology and are introduced to exterior and interior finish out skills. This course is taught on the Texarkana College campus.

Grade: 11-12**Prerequisite: Construction Technology I****Course Weight: Unweighted (off campus at Texarkana College)****312200 Mill and Cabinetmaking Technology****Credit: 2**

In Mill and Cabinetmaking Technology, students will gain knowledge and skills needed to enter the workforce in the area of mill work and cabinet manufacturing and installation. Students may also apply these skills to professions in carpentry or building maintenance supervision or use the skills as a foundation for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in cabinet design, tool usage, jointing methods, finishes, and industry-level practices such as numerical and computer-control production methods.

Grade: 10-12**Prerequisites: None****Course Weight: 1.50****312110 Building Maintenance Technology I****Credit: 2**

In this course, students gain knowledge and skills specific to those needed to enter the field of building maintenance as a building maintenance technician or supervisor or secure a foundation for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in plumbing, electrical, and heating, ventilation, and air conditioning (HVAC) systems. Additionally, student learn methods for repair and installation of drywall, roof, and insulation systems.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****313120 Building Maintenance Technology II****Credit: 2**

In this course, students continue to gain knowledge and skills specific to those needed to enter the field of building maintenance as a building maintenance technician or supervisor and construction project manager or secure a foundation for a postsecondary degree in construction management, architecture, or engineering. Students acquire knowledge and skills in safety, Occupational Safety and Health Administration (OSHA) standards, safety devices in electrical circuits, maintenance of electrical and heating, ventilation, and air conditioning (HVAC) systems, and concepts of historic preservation.

Grade: 11-12**Prerequisite: Building Maintenance Technology I****Course Weight: 1.50**

313130 HVAC and Refrigeration Technology I DC**Credit: 1 (high school)****HART 1401 HVAC I: Basic Electricity for HVAC****Credit: 4 hours (college)****HART 1356 EPA Recovery Certification Preparation****Credit: 4 hours (college)**

In Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology, students gain knowledge and skills specific to those needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance technician or supervisor or prepare for a postsecondary degree. Students acquire knowledge and skills in safety, principles of HVAC theory, tools, codes, and installation of HVAC and refrigeration equipment. This course is taught on the Texarkana College campus.

Grade: 11-12**Prerequisite: None****Course Weight: Unweighted (off campus at Texarkana College)****314140 HVAC and Refrigeration Technology II DC****Credit: 2 (high school)****HART 1410 HVAC Shop Practices and Tools****Credit: 4 hours (college)****HART 1407 Refrigeration Principles****Credit: 3 hours (college)**

In Advanced Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology, students gain advanced knowledge and skills specific to those needed to enter the industry as HVAC and refrigeration technicians or building maintenance technicians or supervisors or prepare for a postsecondary degree. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices. This course is taught on the Texarkana College campus.

Grade: 12**Prerequisite: HVAC and Refrigeration Technology I DC****Course Weight: Unweighted (off campus at Texarkana College)****313150 Industrial Maintenance DC****Credit: 1 (high school)****CETT 1409 AC/DC Circuits****Credit: 4 hours (college)****ELPT 1321 Introduction to Electrical Safety & Tools****Credit: 3 hours (college)**

This course provides students with the skill to pursue a career in Industrial Maintenance. The program of study includes electricity, hydraulics, pneumatics, mechanics, and control systems. The student will also learn troubleshooting skills on these various systems.

Grade: 11-12**Prerequisite: None; college entrance requirements****Course Weight: Unweighted (off campus at Texarkana College)**

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

321000 Principles of Arts, Audio/Video Technology, and Communication

Credit: 1

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.

Grade: 9

Prerequisite: None

Course Weight: 1.50

Broadcast Journalism – Tigervision

322010 Audio/Video Production I

Credit: 1

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 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.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

322130 Audio/Video Production I DC

Credit: 1 (high school)

RTVB 1321 TV Field Production

Credit: 3 hours (college)

In addition to the high school course objectives, the dual credit course will include television production planning and techniques, including video, audio, and lighting equipment commonly used in a studio. Students will be involved with pre-production, production, and post-production process involved in field television production. Topics in the course include field camera setup and operation, field audio, television directing, and in-camera or basic continuity editing with an emphasis on underlying principles of video technology.

Grade: 9-12

Prerequisite: None

Course Weight: 1.75

323020 Audio/Video Production & Lab II

Credit: 2

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

Grade: 10-12

Prerequisite: Audio/Video Production I

Course Weight: 1.50

323140 Audio/Video Production & Lab II DC

Credit: 2 (high school)

RTVB 1305 Team Program Production I

Credit: 3 hours (college)

ARTV 2341 Advanced Digital Video

Credit: 3 hours (college)

ARTV 1351 Team Program Production II

Credit: 3 hours (college)

FLMC 2344 Advanced Film and Video Editing

Credit: 3 hours (college)

In addition to the high school course objectives, the dual credit course will involve students in assuming roles in a production team, using techniques and equipment to create short-form and advanced level productions. Students will learn advanced digital video techniques for post-production and will edit based on aesthetics, titles, graphic design, compositing, and special effects.

Grade: 10-12

Prerequisite: Audio/Video Production I

Course Weight: 1.75

324030 Practicum in Audio/Video Production I**Credit: 2-3****324010 Practicum in Audio/Video Production II****Credit: 2-3**

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 advanced 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 activities in a studio environment.

Practicum in Audio/Video Production I**Grade: 11-12****Prerequisite: Audio/Video Production II****Course Weight: 1.50****Practicum in Audio/Video Production II****Grade: 12****Prerequisite: Practicum in Audio/Video Production I****Course Weight: 1.50****324150 Practicum in Audio/Video Production I DC****Credit: 2 (high school)****RTVB 2335 Television Production****Credit: 3 hours (college)****RTVB 2337 TV Production Workshop I****Credit: 3 hours (college)****RTVB 2355 TV Production Workshop II****Credit: 3 hours (college)****FLMC 2334 Directing for Film or Video****Credit: 3 hours (college)**

In addition to the high school course objectives, this course will focus on pre-production, production, and post-production processes involved in multiple-camera studios. The course will include advanced instruction in camera operation, lighting, audio, and television directing. Students will design and produce video content for location or studio shoots, adhering to deadline and quality control restrictions.

Grade: 11-12**Prerequisite: Audio/Video Production II****Course Weight: 1.75****324020 Practicum in Audio/Video Production II DC****Credit: 2 (high school)**

In addition to the high school course objectives, this course will focus on pre-production, production, and post-production processes involved in multiple-camera studios. The course will include advanced instruction in camera operation, lighting, audio, and television directing. Students will design and produce video content for location or studio shoots, adhering to deadline and quality control restrictions.

Grade: 12**Prerequisite: Practicum in Audio/Video Production I****Course Weight: 1.75****Social Media Reporting - Student Media****322011 Audio/Video Production I****Credit: 1**

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 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. Student produced media will be used in the online student newspaper, high school social media streams and other student run media.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****322131 Audio/Video Production I DC****Credit: 1 (high school)****RTVB 1321 TV Field Production****Credit: 3 hours (college)**

In addition to the high school course objectives, the dual credit course will include television production planning and techniques, including video, audio, and lighting equipment commonly used in a studio. Students will be involved with pre-production, production, and post-production processes involved in field television production. Topics in the course include field camera setup and operation, field audio, television directing, and in-camera or basic continuity editing with an emphasis on underlying principles of video technology. Student produced media will be used in the online student newspaper, high school social media streams and other student run media.

Grade: 9-12**Prerequisite: None****Course Weight: 1.75**

323021 Audio/Video Production & Lab II**Credit: 2**

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 advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production audio and video activities. Student produced media will be used in the online student newspaper, high school social media streams and other student run media.

Grade: 10-12**Prerequisite: Audio/Video Production I****Course Weight: 1.50****323141 Audio/Video Production & Lab II DC****Credit: 2 (high school)****RTVB 1305 Team Program Production I****Credit: 3 hours (college)****ARTV 2341 Advanced Digital Video****Credit: 3 hours (college)****ARTV 1351 Team Program Production II****Credit: 3 hours (college)****FLMC 2344 Advanced Film and Video Editing****Credit: 3 hours (college)**

In addition to the high school course objectives, the dual credit course will involve students in assuming roles in a production team, using techniques and equipment to create short-form and advanced level productions. Students will learn advanced digital video techniques for post-production and will edit based on aesthetics, titles, graphic design, compositing, and special effects. Student produced media will be used in the online student newspaper, high school social media streams and other student run media.

Grade: 10-12**Prerequisite: Audio/Video Production I****Course Weight: 1.75****324031 Practicum in Audio/Video Production I****Credit: 2-3****324011 Practicum in Audio/Video Production II****Credit: 2-3**

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 advanced 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 activities in a studio environment. Student produced media will be used in the online student newspaper, high school social media streams and other student run media.

Practicum in Audio/Video Production I**Grade: 11-12****Prerequisite: Audio/Video Production II****Course Weight: 1.50****Practicum in Audio/Video Production II****Grade: 12****Prerequisite: Practicum in Audio/Video Production I****Course Weight: 1.50****324151 Practicum in Audio/Video Production I DC****Credit: 2 (high school)****RTVB 2335 Television Production****Credit: 3 hours (college)****RTVB 2337 TV Production Workshop I****Credit: 3 hours (college)****RTVB 2355 TV Production Workshop II****Credit: 3 hours (college)****FLMC 2334 Directing for Film or Video****Credit: 3 hours (college)**

In addition to the high school course objectives, this course will focus on pre-production, production, and post-production processes involved in multiple-camera studios. The course will include advanced instruction in camera operation, lighting, audio, and television directing. Students will design and produce video content for location or studio shoots, adhering to deadline and quality control restrictions. Student produced media will be used in the online student newspaper, high school social media streams and other student run media.

Grade: 11-12**Prerequisite: Audio/Video Production II****Course Weight: 1.75**

324021 Practicum in Audio/Video Production II DC**Credit: 2 (high school)**

In addition to the high school course objectives, this course will focus on pre-production, production, and post-production processes involved in multiple-camera studios. The course will include advanced instruction in camera operation, lighting, audio, and television directing. Students will design and produce video content for location or studio shoots, adhering to deadline and quality control restrictions. Student produced media will be used in the online student newspaper, high school social media streams and other student run media.

Grade: 12**Prerequisite: Practicum in Audio/Video Production I****Course Weight: 1.75****323070 Commercial Photography I****Credit: 1**

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.

Grade: 10-11**Prerequisite: None****Course Weight: 1.50****324080 Commercial Photography II****Credit: 1****324100 Practicum in Commercial Photography****Credit: 2****324220 Extended Practicum in Commercial Photography****Credit: 3**

Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced technical understanding of the commercial photography industry with a focus on producing, promoting, and presenting professional quality photographs.

Grade: Level II 11-12, Practicum 12**Prerequisite: Commercial Photography I. Student enrollment is based on an Interest Inventory and selection process.****Course Weight: 1.50****324090 Commercial Photography & Lab II DC****Credit: 2 (high school)****COMM 1318 Photography I****Credit: 3 hours (college)****324130 Practicum in Commercial Photography DC****Credit: 2 (high school)****324230 Extended Practicum in Commercial Photography DC****Credit: 3 (high school)****COMM 1319 Photography II****Credit: 3 hours (college)**

In addition to the high school course objectives, this course will include concepts in advanced photojournalism using creative photography to enhance the story. Students in this course will participate in individual and portfolio competitions on the state and national level, as well as research projects each semester.

Grade: Level II 11-12, Practicum 12**Prerequisite: Commercial Photography I; college entrance requirement. Student enrollment is based on an Interest Inventory and selection process.****Course Weight: 1.75****Journalism – Yearbook & Newspaper****132040 Digital Design and Media Production: Newspaper I****Credit: 1****132030 Digital Design and Media Production: Newspaper I DC****Credit: 1****133050 Graphic Design and Illustration I: Newspaper II****Credit: 1****133040 Graphic Design and Illustration I: Newspaper II DC****Credit: 1****134060 Advanced Journalism: Newspaper III****Credit: 1****134050 Advanced Journalism: Newspaper III DC****Credit: 1****132010 Digital Design and Media Production: Yearbook I****Credit: 1****132020 Digital Design and Media Production: Yearbook I DC****Credit: 1****133020 Graphic Design and Illustration I: Yearbook II****Credit: 1****133030 Graphic Design and Illustration I: Yearbook II DC****Credit: 1****134030 Advanced Journalism: Yearbook III****Credit: 1****134040 Advanced Journalism: Yearbook III DC****Credit: 1**

Students enrolled in these courses are expected to plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students are expected to become analytical consumers of media and technology to enhance their communication skills. In addition, students will learn journalistic ethics and standards. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce

effective communications. Students will refine and enhance their journalistic skills, research self-selected topics, and plan, organize, and prepare projects. Students in Advanced Journalism: Yearbook will create a high quality yearbook, the *Tiger*, which reflects the spirit and the highlights of the school year while learning the numerous phases and techniques behind its development. Students in Advanced Journalism: Newspaper will produce the *Tiger Times*, an eight to sixteen-page newspaper published each six weeks.

Grade: 10-12

Newspaper I-Prerequisite: *Student enrollment is based on an Interest Inventory and selection process.*

Newspaper II-Prerequisite: *Newspaper I*

Newspaper III-Prerequisite: *Newspaper II*

Yearbook I-Prerequisite: *Student enrollment is based on an Interest Inventory and selection process.*

Yearbook II-Prerequisite: *Yearbook I*

Yearbook III-Prerequisite: *Yearbook II*

Prerequisite for all advanced journalism courses: *Student enrollment is based on an Interest Inventory and selection process.*

Regular Course Weight: 1.50

Dual Credit Course Weight: 1.75

132070 Graphic Design and Illustration Lab 1: Newspaper Editors I **Credit: 1**

132050 Graphic Design and Illustration Lab 1: Newspaper Editors I DC **Credit: 1**

133000 ISJ: Newspaper Editors II **Credit: 1**

133070 ISJ: Newspaper Editors II DC **Credit: 1**

132080 Graphic Design and Illustration Lab 1: Yearbook Editors I **Credit: 1**

132060 Graphic Design and Illustration Lab 1: Yearbook Editors I DC **Credit: 1**

133010 ISJ: Yearbook Editors II **Credit: 1**

133080 ISJ: Yearbook Editors II DC **Credit: 1**

These Independent Studies in Journalism courses are designated for journalism editors. students will take a leadership role as they write in a variety of forms for a variety of purposes. Students will plan, draft, and complete written communications on a regular basis, carefully examining their copy for clarity, engaging language, and using the conventions and mechanics of written English correctly. Students also will refine and enhance their journalistic skills, research self-selected topics, plan, organize, and prepare a project.

Grade: 11-12

Prerequisite: *Student enrollment is based on an Interest Inventory and selection process.*

Regular Course Weight: 1.50

Dual Credit Course Weight: 1.75

321100 Video Game Design I **Credit: 1**

The student will be provided the opportunity to design, program, and create a functional video game. The course will introduce basic programming language and skills that are essential to developing a video game. Topics covered are math, physics, design, and computer programming.

Grade: 9-12

Prerequisite: *None*

Course Weight: 1.50

041250 Video Game Programming **Credit: 1**

Video Game Programming expands on the foundation created in Video Game Design through programming languages such as: C#, XNA game studio, Java, and Android App. In this course, students investigate the inner workings of a fully functional role-playing game (RPG).

Grade: 9-12

Prerequisite: *None*

Course Weight: 1.50

322400 Project-Based Research (ESports) **Credit: 1**

Project-Based Research is a course for students to research a real-world problem. In this course students will be required to research and implement esports marketing, management, and business aspects of this growing multi-billion dollar industry. They will learn and have the ability to demonstrate competency in motor skills, understand movement concepts, principles, strategies, and tactics as they apply to the learning and performance of specific games, comprehend concepts related to health and preventative care in gamers, demonstrate the ability to use interpersonal communication skills that respect others in an online gaming environment, and analyze the reciprocal influence of esports, culture, media, technology, and other factors. Coursework and projects required.

Grade: 10-12

Prerequisite: *None*

Course Weight: 1.5

321040 Fashion Design I**Credit: 1**

Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of fashion and the textile and apparel industries.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****322050 Fashion Design II****Credit: 1**

Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of fashion, with emphasis on design and production.

Grade: 11-12**Prerequisite: Fashion Design I****Course Weight: 1.50****323060 Practicum in Fashion Design****Credit: 2**

Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing.

Grade: 12**Prerequisite: Fashion Design II****Course Weight: 1.50****321090 Graphic Design and Illustration I****Credit: 1**

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

Grades: 9-12**Prerequisite: None****Course Weight: 1.50****323100 Graphic Design and Illustration II****Credit: 1**

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

Grade: 10-12**Prerequisite: Graphic Design and Illustration I****Course Weight: 1.50****324110 Practicum in Graphic Design and Illustration I****Credit: 2****324000 Practicum in Graphic Design and Illustration II****Credit: 2**

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

Practicum in Graphic Design and Illustration I**Grade: 11-12****Prerequisite: Graphic Design and Illustration II****Course Weight: 1.50****Practicum in Graphic Design and Illustration II****Grade: 12****Prerequisite: Practicum in Graphic Design and Illustration I****Course Weight: 1.50**

321120 Professional Communications**Credit: ½**

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

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****323130 Professional Communications DC****Credit: ½****SPCH 1315 Public Speaking I****Credit: 3 hours (college)**

This course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for three hours of college credit. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. The course involves the study of effective communications through speech. Emphasis is placed upon content, organization, and delivery of speeches for various purposes and occasions. *This course is taught on the Texarkana College campus. Students must have prior approval to enroll from the high school Associate Principal.*

Grade: 9-12**Prerequisite: None; college entrance requirements****Course Weight: Unweighted (off campus at Texarkana College)**

BUSINESS, MARKETING & FINANCE

331000 Principles of Business, Marketing and Finance

Credit: 1

In this course, 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. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

331010 Touch Systems Data Entry

Credit: ½

In this course, students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communications, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

331020 Business Information Management I

Credit: 1

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

333030 Business Information Management I DC

Credit: 1 (high school)

BCIS 1305 Business Computer Applications

Credit: 3 hours (college)

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Grade: 9-12

Prerequisite: None

Course Weight: 1.75

332040 Business Information Management II

Credit: 1

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.

Grade: 10-12

Prerequisite: Business Information Management I

Course Weight: 1.50

333050 Human Resources Management

Credit: ½

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students analyze the primary functions of human resources management, which include recruitment, selection, training, development, and compensation. Topics will incorporate social responsibility of business and industry. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of human resources to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the legal, managerial, financial, ethical, and international dimensions of business to make appropriate human resources decisions.

Grade: 11-12

Prerequisite: None

Course Weight: 1.50

333060 Business English**Credit: 1**

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts for business reproduction.

Grade: 12**Prerequisite: English III****Course Weight: 1.50****Note: This course satisfies the high school advanced English graduation requirement.****333070 Business Law****Credit: 1**

Students analyze the social responsibility of business and industry regarding the significant issues relating to the legal environment, business ethics, torts, contracts, negotiable financial instruments, personal property, sales, warranties business organizations, concept of agency and employment, and real property. Students apply technical skills to address business applications of contemporary legal issues. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Grade: 11-12**Prerequisite: None****Course Weight: 1.50****333080 Business Management****Credit: 1**

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students analyze the primary functions of management and leadership, which are planning, organizing, staffing, directing or leading, and controlling. Topics will incorporate social responsibility of business and industry. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent managers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate management decisions.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****334090 Practicum in Business Management****Credit: 2**

The practicum is designed to give students supervised practical application of previously studied knowledge and skills. Practicum experiences occur in a paid or unpaid arrangement and a variety of locations appropriate to the nature and level of experience. Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and to make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies. Students develop a foundation in the economical, financial, technological, international, social, and ethical aspects of business to become competent consumers, employees, and entrepreneurs. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students incorporate a broad base of knowledge that includes the legal, managerial, marketing, financial, ethical, and international dimensions of business to make appropriate business decisions.

Grade: 12**Prerequisite: Business Management****Course Weight: 1.50****431000 Fashion Marketing****Credit: ½**

This course is designed to provide students with knowledge of the various business functions in the fashion industry. Students will gain a working knowledge of promotion, textiles, merchandising, mathematics, selling, visual merchandising, and career opportunities.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50**

431010 Sports and Entertainment Marketing**Credit: ½**

This course will provide students with a thorough understanding of the marketing concepts and theories that apply to sports, sporting events, and entertainment. The course will cover basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, sponsorship proposals, and implementation of sports and entertainment marketing plans. The course also will provide students an opportunity to develop promotional plans, sponsorship proposals, endorsement contracts, sports and entertainment marketing plans, and evaluation and management techniques.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****431020 Social Media Marketing****Credit: ½**

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 measure the results of these efforts.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****433000 Practicum in Marketing I****Credit: 2**

This course is based on the study of marketing concepts and principles. Students will use self-development techniques and interpersonal skills to develop a marketing strategy for the promotion of a product. All marketing classes cover job related skills, including the interview process, resumes, and appropriate business dress. Banking skills also will be introduced, along with tax preparation information. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer. Opportunities include exciting leadership conferences and the chance to compete at the district, state, and international levels.

Grade: 11-12**Prerequisite: None****Course Weight: 1.50****433020 Practicum in Marketing I DC****Credit: 2 (high school)****MRKG 1311 Principles of Marketing (1st semester)****Credit: 3 hours (college)****MRKG 1380 Cooperative Ed Business Marketing & Marketing Management (1st sem)****Credit: 3 hours (college)****MRKG 1302 Principles of Retailing (2nd semester)****Credit: 3 hours (college)****MRKG 1381 Cooperative Ed Business Marketing & Marketing Management (2nd sem)****Credit: 3 hours (college)**

This course is based on the study of marketing concepts and principles. Students will use self-development techniques and interpersonal skills to develop a marketing strategy for the promotion of a product. All marketing classes cover job related skills, including the interview process, resumes, and appropriate business dress. Banking skills also will be introduced, along with tax preparation information. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer. Opportunities include exciting leadership conferences and the chance to compete at the district, state, and international levels.

Grade: 11-12**Prerequisite: None****Course Weight: 1.75****434000 Practicum in Marketing II****Credit: 2**

In this advanced marketing course, students will understand business concepts and how business satisfies economic needs. Students will research market segmentation trends and analyze a proposed business plan. Students also will identify effective recruitment, selection, training and development, and performance evaluation techniques. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer.

Grade: 12**Prerequisite: Practicum in Marketing I****Course Weight: 1.50**

434030 Practicum in Marketing II DC**Credit: 2 (high school)****MRKG 2348 Marketing Research and Strategies (1st semester)****Credit: 3 hours (college)****MRKG 2380 Cooperative Ed Business Marketing & Marketing Management (1st sem)****Credit: 3 hours (college)****MRKG 2349 Advertising and Sales Promotion (2nd semester)****Credit: 3 hours (college)****MRKG 2381 Cooperative Ed Business Marketing & Marketing Management (2nd sem)****Credit: 3 hours (college)**

In this advanced marketing course, students will understand business concepts and how business satisfies economic needs. Students will research market segmentation trends and analyze a proposed business plan. Students also will identify effective recruitment, selection, training and development, and performance evaluation techniques. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer.

Grade: 12**Prerequisite: Practicum in Marketing I****Course Weight: 1.75****433200 Extended Practicum in Marketing****Credit: 1**

The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Marketing Career Cluster. Corequisite: Practicum in Marketing. This course must be taken concurrently with Practicum in Marketing and may not be taken as a stand-alone course. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills.

Grade: 11-12**Co-requisite: Practicum in Marketing****Course Weight: 1.50****443250 Advanced Marketing****Credit: 2**

In Advanced Marketing, students will gain knowledge and skills that help them become proficient in one or more of the marketing functional areas. Students will illustrate appropriate management and research skills to solve problems related to marketing. This course covers technology, communication, and customer-service skills.

Grade: 11-12**Prerequisite: One credit from the Marketing Career Cluster****Course Weight: 1.50****352000 Accounting I****Credit: 1**

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

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****352050 Accounting I DC****Credit: 1 (high school)****ACNT 1303 Introduction to Accounting I****Credit: 3 hours (college)**

This course includes a study of analyzing, classifying, and recording business transactions in a manual and in a computerized environment. Emphasis is on understanding the complete accounting cycle and on preparing financial statements, bank reconciliations, and payroll.

Grade: 10-12**Prerequisite: None****Course Weight: 1.75****353010 Accounting II****Credit: 1**

Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in management decision making. This course satisfies a high school mathematics graduation requirement.

Grade: 11-12**Prerequisite: Accounting I****Course Weight: 1.50**

353060 Accounting II DC**Credit: 1 (high school)****ACNT 1304 Introduction to Accounting II****Credit: 3 hours (college)**

This course includes a study of analyzing, classifying, and recording business transactions in a manual and in a computerized environment. Emphasis is on understanding the complete accounting cycle and on preparing financial statements, bank reconciliations, and payroll.

Grade: 11-12**Prerequisite: Accounting I****Course Weight: 1.75****352020 Banking and Financial Services****Credit: ½**

Students develop knowledge and skills in the economic, financial, technological, international, social, and ethical aspects of banking to become competent consumers, employees, and entrepreneurs. Students incorporate a broad base of knowledge that includes the operations, sales, and management of banking institutions to gain a complete understanding of how banks function within society.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****172100 Financial Mathematics****Credit: 1**

Financial Mathematics is a Career and Technical Education course about personal money management. Students will apply critical thinking skills to analyze financial decisions based on current and projected economic factors. Financial Mathematics will integrate career and postsecondary education planning into financial decision making.

Grade: 10-12**Prerequisite: Algebra I****Course Weight: 1.50****Note: This course satisfies a high school mathematics graduation requirement.****353030 Statistics and Business Decision Making (Math for Business)****Credit: 1**

Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

Grade: 11-12**Prerequisite: Algebra II****Course Weight: 1.50****Note: This course satisfies a high school mathematics graduation requirement.****353040 Statistics and Business Decision Making DC****Credit: 1****MATH 1324 Math for Business and Social Sciences****Credit: 3 hours (college)****MATH 1325 Calculus for Business and Social Sciences****Credit: 3 hours (college)**

This course provides an introduction to business statistics in which students become statistical thinkers. Students will investigate the methods of collection, organization, presentation, analysis, and interpretation of quantitative data. Students will use data as a tool in effective business decision-making.

Grades: 11-12**Prerequisite: Algebra II; college entrance requirements****Course Weight: 1.75**

EDUCATION & TRAINING

341000 Principles of Education and Training

Credit: 1

This course 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 also will gain an understanding of the basic knowledge and skills essential to 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.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

342010 Human Growth and Development

Credit: 1

This course is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

343200 Human Growth and Development DC

Credit: 1 (high school)

PSYC 2314 Lifespan Growth & Development

Credit: 3 hours (college)

This course is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development. This course is typically a prerequisite for nursing programs.

Grade: 11-12

Prerequisite: None; college entrance requirements

Course Weight: 1.75

343020 Instructional Practices

Credit: 2

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

Grade: 11-12

Prerequisite: None

Course Weight: 1.50

344030 Practicum in Education and Training

Credit: 2

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

Grade: 12

Prerequisite: Instructional Practices

Course Weight: 1.50

344040 Practicum in Education and Training DC

Credit: 2 (high school)

EDUC 1301 Introduction to Teaching

Credit: 3 hours (college)

EDUC 2301 Introduction to Special Populations

Credit: 3 hours (college)

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

Grade: 12

Prerequisite: Instructional Practices

Course Weight: 1.75

ELECTIVES – INNOVATIVE AND LOCAL

041000 Leadership Skills

Credit: 1 Local

The purpose of this class is to teach leadership skills and to offer realistic opportunities in which students can put these skills to work. The course includes theories of leadership, debate, problem solving, speech-making, forensics, committee work, inter- and intra-personal management, and citizenship development. Students will meet with leaders in the school and the community and will be involved in the decision-making process. The course is required for all junior and senior class officers and for the executive Student Council officers; the course is open to the presidents of clubs and/or organizations.

Grade: 11-12

Prerequisite: Junior or senior class officer or Student Council Officer or president of a club and/or organization – application process

Course Weight: Unweighted

041100 Army S.T.A.R. Program I

Credit: 1 Local

The Army STAR program can be a 4 year program modeled after Junior ROTC that emphasizes citizenship and leadership. The Army STAR program is a partnership between the high school and the US Army created to utilize the resources of local US Army Soldiers to help students develop skills that will enable and encourage them to take active roles in their own lives, with their families, their school and community with the ultimate goal of graduating high school and creating enriching postsecondary options. This program instills the Army values of loyalty, duty, respect, selfless service, honor, integrity, and personal courage.

Grade: 9-12

Prerequisite: None

Course Weight: Unweighted

042010 SAT/ACT Testing Prep

Credit: ½ Local

The SAT/ACT prep class has two purposes. First, it gives students a thorough grounding in standardized test-taking strategies that help them succeed on the SAT and ACT, as well as on multiple-choice tests similar to these exams. Second, it serves as a review of the basic verbal and mathematical skills that college entrance exams are designed to test. Instruction followed by guided practice is the foundation of the course.

Grade: 10-12

Prerequisite: Algebra II or concurrent enrollment

Course Weight: Unweighted

044020 Office Aide

Credit: ½ Local

In this course, students will be assigned to the front office, the ninth grade office, or the counselor's office during the class time. Students will assist office personnel with the duties necessary to maintain an organized and efficient workplace.

Grade: 12

Prerequisite: Interest Inventory and interview

Course Weight: Unweighted

044030 Independent Student Assistant

Credit: ½ Local

In this course, students will be assigned to a specific classroom teacher during this class time. Students will assist the teacher with duties necessary for classroom instruction.

Grade: 12

Prerequisite: Interest Inventory and interview

Course Weight: Unweighted

281000 REACH I

Credit: 1 State

282001 REACH II

Credit: 1 State

283002 REACH III

Credit: 1 State

284003 REACH IV: Research and Technical Writing

Credit: 1 State

The REACH elective class is a college preparatory course in which students receive academic and motivational support to succeed in a rigorous course of study. During the REACH class, students are coached by college tutors, work in collaborative groups using a curriculum focused on writing and inquiry, and participate in college campus visits for enrichment.

Grade: 9-12

Prerequisite: Interest Inventory, interview, and selection process

Course Weight: 1.50

042120 UIL Academic Preparation**Credit: 1 Local**

The University Interscholastic League offers a wide variety of academic contests for high school students, encompassing many elements of required high school coursework. These contests build upon the academic skills developed in the classroom and offer students an opportunity to stretch their talents above and beyond those requirements. This course is designed to motivate students as they acquire higher levels of knowledge, to encourage students to confront issues of importance, and to provide students with the opportunity to demonstrate mastery of specific skills. Students are challenged to think critically, exhibiting much more than knowledge and comprehension.

Grade: 10-12**Prerequisite: Academic UIL coach or administrator approval****Course Weight: Unweighted****043000 Tiger Pals I****Credit: 1 Local**

Peer Coaching for Students (PCS) is designed to promote an inclusive educational environment for at-risk and special education inclusion students. PCS is a course where positive peers make a positive impact in their fellow peer's lives. It provides students the opportunity to develop leadership skills. The general and special education teachers collaborate and develop learning strategies, activities, and projects for students with disabilities based upon a student's individualized education plans to master the TEKS. The peer coaches obtain initial training in confidentiality for one week and continuous mini sessions throughout the semester. Training consists of drama/role play, and making video presentations. Peer coaches assist the teachers in the general education classroom to implement strategies by modeling appropriate learning behaviors, i.e. study skills, goal setting, note taking, etc. Peer coaches will assist general and special education teachers to develop innovative ways to learn. Ultimately, the peer coach strives to motivate fellow students to reach for higher goals.

Grade: 11-12**Prerequisite: Interest Inventory and approval process****Course Weight: Unweighted****043010 Tiger Pals 2****Credit: 1 Local**

This course offers students the opportunity to participate in peer coaching for a second year.

Grade: 11-12**Prerequisite: Tiger Pals 1****Course Weight: Unweighted****293010 Problems and Solutions I****Credit: 1**

This course is a research based course where students must apply critical and creative thinking skills to an area of study or complex problem. The students must demonstrate effective verbal, nonverbal, written and electronic communication skills and develop a portfolio to be presented to an audience as determined by the instructor. This course will be designed to support students preparing Independent Research Projects.

Grade: 11 & 12**Prerequisite: None****Course Weight: 1.50****293020 Problems and Solutions II****Credit: 1**

This course offers students the opportunity to participate in problems and solutions for a second semester.

Grade: 11 & 12**Prerequisite: None****Course Weight: 1.50****283100 AP Seminar****Credit: 1**

This course is a foundational course that aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Using an inquiry framework of questioning, understanding, evaluating, synthesizing, and transforming, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and person accounts; experiencing artistic works and performances; conducting research and evaluating evidence; constructing and supporting arguments; and collaborating and communicating.

Grade: 11 & 12**Prerequisite: None****Course Weight: 1.80**

283200 AP Research**Credit: 1**

The second course in the Capstone experience allows students to explore deeply an academic topic, problem, or issue of individual interest. Through this inquiry, students design, plan, and conduct a year-long mentored, research-based investigation to address a research question. The course culminates in an academic thesis paper and presentation, performance or exhibition with an oral defense.

Grade: 12**Prerequisite: AP Seminar****Course Weight: 1.80****463010 Career Preparation I: Work Study****Credit: 2**

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for changing workplaces. All students must work a minimum of 15 hours a week and have a choice of early release or late arrival based on their class and work requirements. All students are encouraged to be a part of DECA and can enjoy the opportunities DECA has to offer. Opportunities include exciting leadership conferences and the chance to compete at the district, state, and international levels.

Grade: 11-12**Prerequisite: Job required by the 2nd week of school****Course Weight: 1.50****463020 Career Preparation I: Work Study DC****Credit: 2 (high school)****LEAD 1100 Bring Your A Game to Work****Credit: 1 hours (college)**

Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for changing workplaces. All students must work a minimum of 15 hours a week and have a choice of early release or late arrival based on their class and work requirements. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer. Opportunities include exciting leadership conferences and the chance to compete at the district, state, and international levels.

Grade: 11-12**Prerequisite: Job required****Course Weight: 1.75****463030 Career Preparation I: Extended Career Preparation: Work Study****Credit: 3 (high school)**

Extended Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for changing workplaces. All students must work a minimum of 15 hours a week and have a choice of early release or late arrival based on their class and work requirements. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer. Opportunities include exciting leadership conferences and the chance to compete at the district, state, and international levels.

Grade: 11-12**Prerequisite: Job required; Corequisite: Career Preparation I****Course Weight: 1.50****464010 Career Preparation II: Work Study****Credit: 2 (high school)**

Career Preparation II provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. All students must work a minimum of 15 hours a week and have a choice of early release or late arrival based on their class and work requirements. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer. Opportunities include exciting leadership conferences and the chance to compete at the district, state, and international levels.

Grade: 12**Prerequisite: Job required; Career Preparation I****Course Weight: 1.50**

464020 Career Preparation II: Work Study DC**Credit: 2 (high school)****HRPO 1280 Human Resources Management/Personnel Administration****Credit: 2 hours (college)**

Career Preparation II provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. Career Preparation II maintains relevance and rigor, supports student attainment of academic standards, and effectively prepares students for college and career success. All students must work a minimum of 15 hours a week and have a choice of early release or late arrival based on their class and work requirements. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer. Opportunities include exciting leadership conferences and the chance to compete at the district, state, and international levels.

Grade: 12**Prerequisite: Job required; Career Preparation I****Course Weight: 1.75****464030 Career Preparation II: Extended Career Preparation: Work Study****Credit: 3 (high school)**

Extended Career Preparation I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for changing workplaces. All students must work a minimum of 15 hours a week and have a choice of early release or late arrival based on their class and work requirements. All students are encouraged to be a part of DECA and can enjoy the opportunities that DECA has to offer. Opportunities include exciting leadership conferences and the chance to compete at the district, state, and international levels.

Grade: 11-12**Prerequisite: Job required; Co-requisite: Career Preparation II****Course Weight: 1.50****043400 Practicum in Entrepreneurship****Credit: 2**

The Practicum in Entrepreneurship provides students the opportunity to apply classroom learnings and experiences to real-world business problems and opportunities, while expanding their skill sets and professional relationships as a real or simulated business owner versus the experience one would have as an employee. Students will prepare for an entrepreneurial career in their area of interest in their career cluster.

Grade: 11-12**Prerequisite: One completed CTE credit and/or concurrent enrollment in one CTE credit****Course Weight: 1.50****173010 Applied Mathematics for Technical Professionals DC****Credit: 1 (high school)****MATH 1332 Contemporary Math****Credit: 3 hours (college)**

Applied Mathematics for Technical Professionals uses problem-solving situations, hands-on activities, and technology to extend mathematical thinking and engage student reasoning. Situations relating to technical applications provide students opportunities to make connections with mathematics and the workplace. In addition, students will learn the skills necessary to communicate using mathematics. Hands-on activities will allow students to model, explore, and develop abstract concepts applicable to technical careers. (Essential to this course is the partnership between mathematics and technical teachers.)

Grades: 11-12**Prerequisite: Algebra I and Geometry; college entrance requirements****Course Weight: 1.75****Note: This course satisfies a high school mathematics graduation requirement.**

ENGLISH LANGUAGE ARTS

ENGLISH

English - General Description

Students enrolled in English I-IV continue to increase and to refine their communication skills. High school students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts.

141000 English I

Credit: 1

Students practice all forms of writing in this course. An emphasis is placed on organizing logical arguments with clearly expressed related definitions, thesis, and evidence. Students write to persuade, to report and to describe. English I students read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry originally written in English or translated to English from oriental, classical Greek, European, African, South American, and North American cultures. Students interpret the possible influences of the historical context on a literary work.

Grade: 9

Prerequisite: None

Course Weight: 1.50

141010 Pre-AP English I

Credit: 1

This course prepares students for work in the Advanced Placement program by providing in-depth studies of literary units by genre, including poetry, drama, nonfiction, short stories, research, and novels. Students will engage in critical reading and will write in a variety of forms, with special emphasis on literary units by genre, including poetry, drama, nonfiction, short stories, research, and novels. In this official College Board Pre AP designated course, students will benefit from engaging, targeted course materials that help them master grade level content. Students will develop close reading, analytical writing, and language skills.

Grade: 9

Prerequisite: None

Course Weight: 1.70

142020 English II

Credit: 1

Students practice all forms of writing in this course. An emphasis is placed on persuasive forms of writing such as logical arguments, expressions of opinion, and personal forms of writing. These personal forms of writing may include a response to literature, a reflective essay, or an autobiographical narrative. English II students read extensively in multiple genres from world literature such as reading selected stories, dramas, novels, and poetry originally written in English or translated to English from oriental, classical Greek, European, African, South American, and North American cultures. Students learn literary forms and terms associated with selections being read. Students interpret the possible influences of the historical context on a literary work.

Grade: 10

Prerequisite: English I

Course Weight: 1.50

142030 Pre-AP English II

Credit: 1

This course prepares students for work in the Advanced Placement program by providing in-depth studies of thematic literary units that combine poetry, drama, nonfiction, short stories, research, and novels. Students will engage in critical reading and will write in a variety of forms, with special emphasis on literary analysis and persuasive essays. In this official College Board Pre AP designated course, students will benefit from engaging, targeted course materials that help them master grade level content. Students will focus explicitly and consistently on the building blocks of evidence based writing.

Grade: 10

Prerequisite: English I

Course Weight: 1.70

143040 English III**Credit: 1**

Students practice all forms of writing in this course. An emphasis is placed on business forms of writing such as the report, the business memo, the narrative of a procedure, the summary or abstract, and the resume. English III students read extensively in multiple genres from American literature and other world literature. Periods from American literature may include the pre-colonial period, colonial and revolutionary periods, romanticism and idealism, realism and naturalism, early 20th century, and late 20th century. Students learn literary forms and terms associated with selections being read. Students interpret the possible influences of the historical context on a literary work.

Grade: 11**Prerequisite: English II****Course Weight: 1.50****143050 AP English III Language and Composition****Credit: 1**

This course prepares students for the English Language and Composition Advanced Placement examination by engaging students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing.

Grade: 11**Prerequisite: English II****Course Weight: 1.80****144060 English IV****Credit: 1**

Students are expected to write in a variety of forms, including business, personal, literary, and persuasive texts. English IV students read extensively in multiple genres from British literature and other world literature. Periods from British literature may include the old English period, medieval period, English renaissance, 17th century, 18th century, romantic period, Victorian period, and modern and post-modern period. Students learn literary forms and terms associated with selections being read. Students interpret the possible influences of the historical context on a literary work.

Grade: 12**Prerequisite: English III****Course Weight: 1.50****144070 AP English IV Literature and Composition****Credit: 1**

This course is designed to prepare students for the English Literature and Composition Advanced Placement examination by engaging students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students will consider a work's structure, style, and themes as well as such elements as the use of figurative language, imagery, symbolism, and tone. The course will include intensive study of representative works from various genres and periods. Writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays as well as well-constructed, creative writing assignments. Emphasis will be placed on helping students develop stylistic maturity.

Grade: 12**Prerequisite: English III****Course Weight: 1.80****144080 English IV DC****Credit: 1 (high school)****ENGL 1301 Composition and Rhetoric I****Credit: 3 hours (college)****ENGL 1302 Composition and Rhetoric II****Credit: 3 hours (college)**

This course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for three hours of college credit each semester. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. During the first semester, the course will include an intensive study of writing and reading skills, including research techniques. The second semester content will emphasize reading, critical thinking, research skills, and writing about various genres of literature. *This course will be taught on the high school campus.*

Grade: 12**Prerequisite: English III; college entrance requirements****Course Weight: 1.75**

333060 Business English**Credit: 1**

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts for business reproduction.

Grade: 12**Prerequisite: English III****Course Weight: 1.50****131220 College Preparatory English****Credit: 1**

College Preparatory English exists to remediate deficiencies in order that students may excel in their chosen careers. College Prep courses are designed to prepare students for college-level academic course work. The recommendation to enroll in College Prep courses is made on the basis of diagnostic testing. Although these courses do not satisfy any college degree requirement, they are designed to assure reasonable student success in the college curriculum.

Note: Upon successful completion of this course, a student will qualify for the TSI exemption for the reading and writing test scores required for enrollment in college level courses.

Grades: 12**Prerequisite: Satisfactory performance on the STAAR English I EOC and STAAR English II EOC examinations****Course Weight: 1.50****141090 ESOL I****Credit: 1****142100 ESOL II****Credit: 1**

English for Speakers of Other Languages (ESOL) is offered for students whose primary language is not English. These courses will focus on the knowledge and skills as specified for English I and English II

Grade: 9-10**ESOL I Prerequisite: Academic Advisor approval****ESOL II Prerequisite: ESOL I and Academic Advisor approval****Course Weight: 1.50****WRITING/ELA SKILLS****131230 Research and Technical Writing****Credit: ½ - 1**

English course designed to teach high school students research and technical writing skills. The information obtained through research will be used to write essays and papers that are supported by facts. Evaluation of students' own writing as well as the writing of others insures that students completing this course are able to analyze and evaluate their writing.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****132400 Practical Writing Skills****Credit: ½ - 1**

The study of writing allows high school students to develop skills necessary to composing business letters and requests for information, as well as for completing job applications and résumés. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, and the effective use of vocabulary. Students are expected to understand the recursive nature of the writing process. Evaluation of students' own writing as well as the writing of others insures that students completing this course are able to analyze and evaluate their writing.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****133410 Creative Writing****Credit: ½ - 1**

In this course, students will study creative and imaginative writing while developing versatility as a writer. They will be asked to demonstrate their skill in such forms of writing as essays, short stories, poetry, and drama. The students will evaluate and edit their own writing as well as the works of others. The final product of the class will be a literary magazine showcasing the best works of class members and other students in the school.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50**

133430 Literary Genres**Credit: ½ - 1**

In this course, students will analyze the fictional and poetic elements of literary texts and read to appreciate the writer's craft. High school students will discover how well written literary text can serve as models for their own writing. Students respond to texts through such varied avenues as talk, print, and electronic formats to connect their knowledge of the world with the text being read.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****133450 ISE: The Holocaust and Human Rights through Literature and Film****Credit: ½ - 1**

In this course, students explore the ethical lessons that have evolved from the Holocaust as well as other events of history that have violated human rights. Through these events, students study moral dilemmas to learn from them and to help mold the choices they make in their own lives. Through a wide variety of film and literature, both fiction and nonfiction, students will analyze their own choices, think critically, and learn to explore moral decision making based on an understanding of the need to commit to position that will better humanity. The course addresses the issues of courage, compassion, character, and civility.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****132440 College Readiness and Study Skills****Credit: ½ - 1**

High school students that require or request additional honing of the study skills, especially as the students prepare for the demands of college, may enroll in this one semester course. In this course, students learn techniques for learning from texts, including studying word meanings, producing effective summaries, identifying and relating key ideas, drawing and supporting inferences, and reviewing study strategies. In addition, students will have opportunities to respond critically to literary texts. In all cases, interpretations and understandings will be presented through varying forms including through use of available technology. Students accomplish many of the objectives through wide reading as well as use of cross-curricular content texts in preparation for post secondary schooling.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****JOURNALISM****131000 Journalism****Credit: ½-1**

Students enrolled in Journalism are expected to plan, draft, and complete written compositions on a regular basis, carefully examining their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English. They will write in a variety of forms and for a variety of audiences and purposes. Students will become analytical consumers of media and technology to enhance their communication skills. Writing, technology, and visual and electronic media are used as tools for learning as students create, clarify, critique, write, and produce effective communications. Students will learn journalistic traditions, research self-selected topics, write journalistic texts, and learn the principles of publishing.

Grade: 9-10**Prerequisite: None****Course Weight: 1.50****131080 Photojournalism****Credit: ½ -1**

In this course, students will study the laws and ethical considerations that impact photography. Technology, visual, and electronic media will be used as tools for learning as students create, clarify, critique, and produce effective visual representations. Students will refine and enhance their journalistic skills, plan, prepare, and produce photographs for a journalistic publication.

Grade: 9-10**Prerequisite: None****Course Weight: 1.50**

SPEECH/DEBATE/COMMUNICATIONS

131100 Communication Applications

Credit: ½

For successful participation in professional and social life, students must develop effective communication skills. Rapidly expanding technologies and changing social and corporate systems demand that students send clear verbal messages, choose effective nonverbal behaviors, listen for desired results, and apply valid critical-thinking and problem-solving processes. Students enrolled in Communication Applications will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

133110 Communication Applications DC

Credit: ½ (high school)

SPCH 1315 Public Speaking I

Credit: 3 hours (college)

This course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for three hours of college credit. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. The course involves the study of effective communications through speech. Emphasis is placed upon content, organization, and delivery of speeches for various purposes and occasions. *This course will be taught on the college campus. Students must have prior approval to enroll from the high school Associate Principal.*

Grade: 9-12

Prerequisite: None; college entrance requirements

Course Weight: 1.75

132470 Oral Interpretation I

Credit: 1

133480 Oral Interpretation II

Credit: 1

134490 Oral Interpretation III

Credit: 1

Students in Oral Interpretation create oral performances with self-selected pieces of literature as communication art. They select, research, analyze, adapt, interpret and perform literary texts. Students focus on intellectual, emotional, sensory, and aesthetic levels of texts to attempt to capture the entirety of the author's work. Individual and group performances of literature will be presented and evaluated. In advanced classes, students will be required to complete long-term teacher-directed projects. Students also will participate in competitions.

Grade: 10-12

Oral Interpretation I Prerequisite: None

Oral Interpretation II Prerequisite: Oral Interpretation I

Oral Interpretation III Prerequisite: Oral Interpretation II

Course Weight: 1.50

132500 Public Speaking I

Credit: 1

133510 Public Speaking II

Credit: 1

134520 Public Speaking III

Credit: 1

In order to have full participation in the civic process, students must have a good understanding of public dialogue. Students must learn the concepts and skills related to preparing and presenting public messages and to analyzing and evaluating the messages of others. Within this process, students will gain skills in reading, writing, speaking, listening, and thinking and will examine areas such as invention, organization, style, memory, and delivery.

Grade: 10-12

Public Speaking I Prerequisite: None

Public Speaking II Prerequisite: Public Speaking I

Public Speaking III Prerequisite: Public Speaking II

Course Weight: 1.50

131120 Debate I**Credit: 1****132130 Debate II****Credit: 1****134140 Debate III****Credit: 1**

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

Grade: 9-12**Debate I-Prerequisite: None****Debate II-Prerequisite: Debate I****Debate III-Prerequisite: Debate II****Course Weight: 1.50****134150 ISS in Speech (Debate IV)****Credit: ½ -1**

Students who have mastered concepts and developed skills in introductory courses will extend their knowledge and expand their skills in this advanced study. This course provides opportunities for students to plan, organize, produce, perform, and evaluate a project that enables them to develop advanced skills in communication, critical thinking, and problem solving.

Grade: 12**Prerequisite: Debate III****Course Weight: 1.50****133420 Visual Media Analysis & Production****Credit: ½**

In this course, students will become critical viewers, consumers, and producers of media texts. They will access, analyze, evaluate, and produce communication in a variety of forms. In addition, they will critique and analyze the significance of visual representations and learn to produce media messages that communicate with others.

Grade: 11-12**Prerequisite: None****Course Weight: 1.50****131210 Reading I****Credit: ½ -1****132220 Reading II****Credit: ½ -1****134230 Reading III****Credit: ½ -1****134240 Reading IV****Credit: ½ -1* Local**

These courses offer students instruction in word recognition and comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence, and understanding. Students are given opportunities to locate information in varied sources, to read critically, to evaluate sources, and to draw supportable conclusions. Students learn how various texts are organized and how authors choose language for effect. All of the strategies are applied in texts that cross the subject fields.

Grade: 9-12**Reading I Prerequisite: None****Reading II Prerequisite: Reading I****Reading III Prerequisite: Reading II****Reading IV Prerequisite: Reading III****Course Weight Levels I, II, III: 1.50****Course Weight Level IV: Unweighted**

FINE ARTS

DANCE

<u>191100 PE/Drill Team I</u>	Credit: ½
<u>081000 Dance/Drill Team I</u>	Credit: ½*
<u>192120 PE/Drill Team II</u>	Credit: ½
<u>082010 Dance/Drill Team II</u>	Credit: ½ *
<u>193140 PE/Drill Team III</u>	Credit: ½
<u>083020 Dance/Drill Team III</u>	Credit: ½ *
<u>194160 PE/Drill Team IV</u>	Credit: ½
<u>084030 Dance/Drill Team IV</u>	Credit: ½ *

This course will stress proper stretching and conditioning of the entire body as students practice basic techniques for hands, arms, dance steps, and marching. Students also will learn more advanced skills, including leaps and turns, high kick technique, and stunts. Students will develop flexibility, strength, coordination, and rhythmic ability. Drill Team members will perform at a variety of school functions.

Grade: 9-12

Drill Team I Prerequisite: None

Drill Team II Prerequisite: Drill Team I

Drill Team III Prerequisite: Drill Team II

Drill Team IV Prerequisite: Drill Team III

Course Weight: 1.50

***Note: A student may earn one state physical education credits through Drill Team taken during fall semesters only. A student also may earn up to two additional credits as fine arts electives by enrolling in drill team during the spring semesters.**

<u>081010 Dance I</u>	Credit: 1
<u>082000 Dance II</u>	Credit: 1
<u>083000 Dance III</u>	Credit: 1
<u>084000 Dance IV</u>	Credit: 1

In these courses, students develop an awareness of the body's movement using sensory information while dancing. Students develop knowledge and skills of dance elements, choreographic processes, and forms in a variety of dance genres and styles and execute technical dance skills in these genres and styles.

Grade: 9-12

Dance I Prerequisite: None

Dance II Prerequisite: Dance I

Dance III Prerequisite: Dance II

Dance IV Prerequisite: Dance III

Course Weight: 1.50

MUSIC

Music Courses – General Description

Music courses are offered on four different levels which all share the same four basic strands—perception, creative expression/performance, historical and cultural heritage, and critical evaluation. In music, students develop their intellect and refine their emotions, understanding the cultural and creative nature of musical artistry and making connections among music, the other arts, technology, and other aspect of social life. Through creative performance, students apply the expressive technical skills of music and critical-thinking skills to evaluate multiple forms of problem solving. A music fee is required for all choir and piano courses beyond level I.

<u>091000 Band I</u>	Credit: 1
<u>091010 Instrumental Ensemble I - Woodwinds</u>	Credit: 1
<u>091020 Instrumental Ensemble I - Brass</u>	Credit: 1
<u>091030 Instrumental Ensemble I - Percussion</u>	Credit: 1
<u>091040 Instrumental Ensemble I - Piano</u>	Credit: 1
<u>091050 Stage Band I (Jazz)</u>	Credit: 1
<u>091060 Choir I</u>	Credit: 1
<u>091070 Vocal Ensemble I</u>	Credit: 1
<u>091380 Orchestra I</u>	Credit: 1

In level I music courses, students will compare and contrast elements of music through literature selected for performance and/or listening. They will further their study by performing expressively, from memory and notation, a vivid repertoire of music representing styles from diverse cultures. Students will be given the opportunity to sight-read ensemble parts, to create a variety of musical phrases, and to listen to and classify music by style and/or by historical period. Students will be expected to design and apply criteria for making informed judgments regarding the quality and effectiveness of musical performances.

Grade: 9-12

Band I Prerequisite: Audition

Band I Recommended: Experience in middle school band

Instrumental Ensemble I - Woodwinds, Brass, Percussion Prerequisite: Concurrent enrollment in Band I, II, III, or IV

Instrumental Ensemble I - Piano Prerequisite: None

Stage Band I (Jazz) Prerequisite: Concurrent enrollment in Band I, II, III, or IV

Choir I Prerequisite: None

Vocal Ensemble I Prerequisite: Audition

Orchestra I: Audition

Course Weight: 1.50

092080 Band II

Credit: 1

092090 Instrumental Ensemble II - Woodwinds

Credit: 1

092100 Instrumental Ensemble II - Brass

Credit: 1

092110 Instrumental Ensemble II - Percussion

Credit: 1

092120 Instrumental Ensemble II - Piano

Credit: 1

092130 Stage Band II (Jazz)

Credit: 1

092140 Choir II

Credit: 1

092150 Vocal Ensemble II

Credit: 1

092000 Orchestra II

Credit: 1

In level II music courses, students will compare and contrast music forms of literature selected for performances and/or listening. Students will exhibit accurate intonation and rhythm, fundamental skills, and basic performance techniques while performing moderately difficult literature, independently and in ensembles. Students will be given the opportunity to classify aurally presented music by genre, style, and historical period. Students also will design and apply criteria for making informed judgments regarding the quality and effectiveness of musical performances.

Grade: 10-12

Band II Prerequisite: Band I

Instrumental Ensemble II - Woodwinds, Brass, Percussion Prerequisite: Instrumental Ensemble I and concurrent enrollment in Band II, III, or IV

Instrumental Ensemble II - Piano Prerequisite: Instrumental Ensemble I - Piano

Stage Band II (Jazz) Prerequisite: Stage Band I and concurrent enrollment in Band II, III, or IV

Choir II Prerequisite: Choir I

Vocal Ensemble II Prerequisite: Vocal Ensemble I

Orchestra II Prerequisite: Orchestra I; audition

Course Weight: 1.50

093160 Band III

Credit: 1

093170 Instrumental Ensemble III - Woodwinds

Credit: 1

093180 Instrumental Ensemble III - Brass

Credit: 1

093190 Instrumental Ensemble III - Percussion

Credit: 1

093200 Instrumental Ensemble III - Piano

Credit: 1

093210 Stage Band III (Jazz)

Credit: 1

093220 Choir III

Credit: 1

093230 Vocal Ensemble III

Credit: 1

093000 Orchestra III

Credit: 1

In level III music courses, students are given the opportunity to perform appropriate literature expressively. They learn to exhibit accurate intonation and rhythm, fundamental skills and advanced techniques, using literature ranging from moderately difficult to difficult, while performing independently and in ensemble. Students also exhibit, describe, and critique small- and large-ensemble performance techniques experienced and observed during formal and informal concerts. In these courses, students read and write music that incorporates complex rhythmic patterns in simple, compound, and asymmetric meters. Students also learn to improvise musical melodies and to compose or arrange segments of vocal or instrumental pieces.

Grades: 11-12

Band III Prerequisite: Band II

Instrumental Ensemble III - Woodwinds, Brass, Percussion Prerequisite: Instrumental Ensemble II and concurrent enrollment in Band III or IV

Instrumental Ensemble III - Piano Prerequisite: Instrumental Ensemble II - Piano

Stage Band III (Jazz) Prerequisite: Stage Band II and concurrent enrollment in Band III or IV

Choir III Prerequisite: Choir II

Vocal Ensemble III Prerequisite: Vocal Ensemble II

Orchestra III Prerequisite: Orchestra II; audition

Course Weight: 1.50

<u>094240 Band IV</u>	Credit: 1
<u>094250 Instrumental Ensemble IV - Woodwinds</u>	Credit: 1
<u>094260 Instrumental Ensemble IV - Brass</u>	Credit: 1
<u>094270 Instrumental Ensemble IV - Percussion</u>	Credit: 1
<u>094280 Instrumental Ensemble IV - Piano</u>	Credit: 1
<u>094290 Stage Band IV (Jazz)</u>	Credit: 1
<u>094300 Choir IV</u>	Credit: 1
<u>094310 Vocal Ensemble IV</u>	Credit: 1
<u>094000 Orchestra IV</u>	Credit: 1

In level IV music courses, students demonstrate independence in interpreting music through the performance of appropriate literature. Students analyze musical performances, intervals, music notation, chordal structure, rhythm/meter, and harmonic texture, using standard terminology. Level IV students are expected to perform independently, demonstrating accurate intonation and rhythm, fundamental skills, and advanced techniques, and using literature ranging from moderately difficult to difficult. Students learn to classify representative examples of music by style and by historical period or culture. They also have the opportunity to evaluate musical performances and compositions by comparing them to similar or exemplary models and offering constructive suggestions for improvement.

Grade: 12

Band IV Prerequisite: Band III

Instrumental Ensemble IV - Woodwinds, Brass, Percussion Prerequisite: Instrumental Ensemble III and concurrent enrollment in Band IV

Instrumental Ensemble IV - Piano Prerequisite: Instrumental Ensemble III Piano

Stage Band IV (Jazz) Prerequisite: Stage Band III and concurrent enrollment in Band IV

Choir IV Prerequisite: Choir III

Vocal Ensemble IV Prerequisite: Vocal Ensemble III

Orchestra IV Prerequisite: Orchestra III; audition

Course Weight: 1.50

<u>093010 Instrumental Music III DC</u>	Credit: 1 (high school)
<u>MUEN 2122 Band III – Major Instrumental Ensemble</u>	Credit: 1 hours (college)
<u>094010 Instrumental Music IV DC</u>	Credit: 1 (high school)
<u>MUEN 2123 Band IV – Major Instrumental Ensemble</u>	Credit: 1 hours (college)

In addition to the requirements for the regular level instrumental music courses, students in the dual credit courses are required to audition for both All-Region and All-District bands and must perform in these honor bands if chosen. Student will perform an approved class I solo at the UIL Solo and Ensemble Contest and will perform at the state contest if chosen. Students also will follow a sequential music literature independent student that encompasses all periods, styles, and many important composers of music. Students are required to attend outside concert performances as assigned.

Grade: 11-12

Instrumental Music III DC Prerequisite: Band II

Instrumental Music IV DC Prerequisite: Instrumental Music III DC

Course Weight: 1.75

<u>091320 Music Appreciation</u>	Credit: 1
<u>091080 Music Appreciation DC</u>	Credit: 1 (high school)
<u>MUSI 1306 Music Appreciation</u>	Credit: 3 hours (college)

This curriculum surveys music and its role in our lives. This is an academic, non-performance class. Emphasis will be placed on listening and enjoying music of the masters and of other cultures. Discussions enable students to utilize the subject matter in other academic disciplines.

Grade: 9-12

Prerequisite: None

Regular level course weight: 1.50

Dual credit level course weight: 1.75

<u>091330 Show Choir I</u>	Credit: 1
<u>092340 Show Choir II</u>	Credit: 1
<u>093350 Show Choir III</u>	Credit: 1
<u>094360 Show Choir IV</u>	Credit: 1

The Show Choir is a vocal ensemble which facilitates continued development of vocal skills to enhance the student's musical growth and which integrates singing, dancing, and theatrics into performance. This group works toward perfecting show numbers for concerts and contests throughout the academic year. Students are expected to maintain a high level of vocal technique while performing choreography and dramatic elements. The course requires a performance costume that will be chosen by group members. Students also are required to participate in scheduled performances beyond the regular academic day.

Grade: 9-12

Show Choir I Prerequisite: Audition

Show Choir I Recommendation: Middle school choir and/or Choir I or concurrent enrollment in Choir I

Show Choir II Prerequisite: Show Choir I

Show Choir III Prerequisite: Show Choir II

Show Choir IV Prerequisite: Show Choir III

Course Weight: 1.50

094370 AP Music Theory

Credit: 1

This college-level course introduces the student to musicianship, theory, musical materials, and procedures by integrating aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, history, and style. Musicianship skills such as dictation and other listening skills, sight-singing, and keyboard harmony are an important part of the theory course. The ultimate goal of an AP Music Theory course is to develop a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. The course first will instill mastery of the rudiments and terminology of music and then will progress to include more sophisticated and creative tasks, such as melodic and harmonic dictation; composition of a bass line for a given melody, implying appropriate harmony; realization of a figured bass; realization of a Roman numeral progression; analysis of repertoire, including melody, harmony, rhythm, texture, and form; and sight-singing. Throughout the course, students will listen to musical works attentively and analytically, developing their musical memory and their ability to articulate responses to formal, stylistic, and aesthetic qualities of the works.

Grade: 12

Prerequisite: None

Course Weight: 1.80

THEATRE

Theatre Courses – General Description

Theatre courses are offered on four different levels which all share the same four basic strands—perception, creative expression/performance, historical and cultural heritage, and critical evaluation. In theatre, students increase their understanding of self and others and develop clear ideas about the world. Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally.

One Act Play Production Class (prerequisite: audition/interview) The goal of this class is to be Inspiring, Enduring, Unforgettable, and Unified; to Create quality performances ranging from modern to traditional, comedic to dramatic, which will instill a love of theatre in both the audience and the cast and crew. Tiger Theatre Company believes there are three things that make a good actor/crew member: ATTITUDE, DEDICATION, and ABILITY. It is extremely important that the department works TOGETHER to develop the show. To be a part of our production, it is important that you be able to contribute to the “whole” of the production by being a vital part of the ensemble. This is a very demanding program that requires a great deal of after school time and is not a typical academic class. In late February-May, understand that One-Act must be a priority. Students are required to sell ads AND audition for and/or participate in all Tiger Theatre Company Productions. All parents of UIL OAP students are required to be an active part of the parent booster organization. All theatre production members are required to attend all after school rehearsals, performances or clinics. The production of theatre is how you get your grade. If you miss a major grade (performances, clinics, after school rehearsal before a performance) you will have to complete the make-up work within the required time period. Students who become non-productive will be removed from theatre production. Students must also be dedicated to their school work. Students must be eligible from the 3rd six-weeks (6 weeks, not semester average). Losing your academic eligibility will result in removal from the class. If you don't have an acting role in the play there are always opportunities to be productive on the technical side of theatre. Auditions/Interviews focus on some acting traits, but more importantly on your ability to work in an ensemble, your overall attitude, your work ethic, and your dedication to the department. **Auditions will be held in May - class limit 24.**

Advanced Theatre Performance Class (Prerequisite: audition/interview or enroll in the appropriate level DC Theatre class) - This production class is designed for the student who has limited time to rehearse after school. Two performances, community service projects, and continuing growth in all areas of theatre are part of this class. Interested students will either audition for a performance slot or interview for a technical job or they must be enrolled in either DC 2, 3, or 4. Students are required to sell ads and meet other requirements to remain in the class. **Auditions will be held in May. - class limit 25 students.**

101000 Theatre Arts I**Credit: 1****101010 Theatre Production I****Credit: 1**

In level I courses, students are exposed to the elements of drama and the conventions of theatre. Students will focus on the skills of improvisation; employ stage movement to convey thought, feelings, and actions; and define and give examples of theatrical conventions. Students will learn to analyze a character from a script, describing physical, intellectual, emotional, and social dimensions. They also will improvise, write, and refine monologues, scenes, and vignettes to convey meaning to the audience. Students will develop an understanding of the historical and cultural influences on theatre and analyze the roles of live theatre, film, television, and electronic media in American society.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****101300 Pre-AP Theatre I****Credit: 1**

This Pre AP arts course will allow students to engage in these 4 areas of focus: analysis and interpretation, peer-to-peer dialogue, experimentation, and reflective writing. Students will be exposed to the elements of drama and the conventions of theatre. They will improvise, write, and refine monologues, scenes, and vignettes to convey meaning to the audience.

Grade: 9-12**Prerequisite: None****Course Weight: 1.70****101200 Theatre Arts I DC****Credit: 1 high school****DRAM 1310 Theatre Arts I****Credit: 3 hours (college)**

Students are selected for this class on the basis of his or her audition or tech interview. This course is a study of the basic techniques of acting. Included in the course are relaxation, concentration, objectives and intentions, scene work, and improvisational acting. It is the student's responsibility to make payment to the college for all applicable fees, textbooks, and supplies. The class will produce one play, one for Texas Thespians or one as a traveling children's show. Auditions will be held in May.

Grade: 9-12**Prerequisite: None****Course Weight: 1.75****102200 Musical Theatre I****Credit: 1**

Musical Theatre will expose students to a wide range of onstage performance disciplines, including acting performance, vocal performance, and dance performance. The course will enhance and cultivate the creative gifts of each student while encouraging a sense of self-confidence. The course will enable students to study and perform in the varied styles of musical theatre with special attention to the principles of stage movement, stage vocal technique, stage choreography, acting, characterization, and other aspects of a musical production.

Grade: 10-12**Prerequisite: One credit in at least one of the following: Theatre I (any level), Dance or Choir****Course Weight: 1.50****102020 Theatre Arts II****Credit: 1****102030 Theatre Production II****Credit: 1**

In level II courses, students will use the elements of drama and the conventions of theatre. Students will focus on the analysis of dramatic structure and genre and will identify examples of theatrical conventions in theatre, film, television, and electronic media. Students improvise and write dialogue that reveals character motivation and analyze characters from various genres and media. Students also analyze historical and cultural influences on theatre. Students will apply the concepts of evaluation to theatre in written and oral form with precise and specific observations.

Grade: 10-12**Theatre Arts II Prerequisite: Theatre Arts I****Theatre Production II Prerequisite: Theatre Production I****Course Weight: 1.50****102010 Theatre Arts II DC****Credit: 1 High school****DRAM 1351 Theatre Arts II****Credit: 3 hours (college)**

See Theatre Arts II above. Particular emphasis is given to character analysis and development and related group projects and performances.

Grade: 10-12**Prerequisite: Theatre Arts I****Course Weight: 1.75**

103040 Theatre Arts III**Credit: 1****103050 Theatre Production III****Credit: 1**

In level III courses, students develop creative expression through performance. Students portray believable characters in improvised and scripted scenes of various styles. They also improvise and write dialogue that reveals character motivation, advances plot, provides exposition, and reveals theme. Students learn to construct and operate the technical elements of theatre safely and effectively. Students apply the concepts of evaluation to performances and evaluate theatre, film, television, and electronic media with depth and complexity.

Grade: 11-12**Theatre Arts III Prerequisite: Theatre Arts II****Theatre Production III Prerequisite: Theatre Production II****Course Weight: 1.50****103060 Theatre Arts III DC****Credit: 1 High school****DRAM 1352 Theatre Arts III****Credit: 3 hours (college)**

See Theatre Arts III above. Particular emphasis is given to classical acting, American Classics, play writing opportunities and experimental theatre projects as well as career exploration and college audition preparation.

Grade: 11-12**Prerequisite: Theatre Arts II****Course Weight: 1.75****104060 Theatre Arts IV****Credit: 1****104080 Theatre Production IV****Credit: 1**

In level IV courses, students refine methods of creative expression and performance. Students create and sustain believable characters. They outline and create imaginative scripts and scenarios that include motivated character, unique dialogue, conflict, and resolution for theatre, film, or television. Students design, construct, and operate appropriate technical elements of theatre, safely and effectively, collaboratively and individually. Students also have the opportunity to trace historical and cultural developments in theatrical styles and genres and to apply evaluation concepts to performances, comparing and contrasting literary and dramatic criticism. In this level, students compare the nature, components, elements, and communication methods of theatre, music, art, and dance and compare more than one art form in a specific culture or historical period.

Grade: 12**Theatre Arts IV Prerequisite: Theatre Arts III****Theatre Production IV Prerequisite: Theatre Arts III****Course Weight: 1.50****104070 Theatre Arts IV DC****Credit: 1 High school****DRAM 2351 Theatre Arts IV****Credit: 3 hours (college)**

See Theatre Arts IV above. Particular emphasis is given to American film, student directing, play writing opportunities and experimental theatre projects as well as career exploration and college audition preparation.

Grade: 12**Prerequisite: Theatre Arts III****Course Weight: 1.75****101080 Technical Theatre I****Credit: 1****101020 Technical Theatre I DC****Credit: 1****102090 Technical Theatre II****Credit: 1****103030 Technical Theatre II DC****Credit: 1****103100 Technical Theatre III****Credit: 1**

Technical Theatre courses include the study of construction and operation of scenery, properties, lighting instruments, makeup, sound, and public relations programs. In level II, students have the additional opportunity to research costume design. Level III students specialize in one or more areas of technical theatre, and students in level IV have the opportunity to serve in leadership positions on technical crews.

Grade: 10-12**Technical Theatre I Prerequisite: Theatre Arts I****Technical Theatre II Prerequisite: Technical Theatre I****Technical Theatre III Prerequisite: Technical Theatre II****Course Weight: 1.50****Dual credit course weight: 1.75**

<u>102110 Technical Theatre II – Stagecraft</u>	Credit: 1
<u>103110 Technical Theatre III – Advanced Stagecraft</u>	Credit: 1
<u>104110 Technical Theatre IV – Advanced Stagecraft</u>	Credit: 1

Through a variety of experiences with technical theatre, Technical Theatre – Stagecraft, will afford students the opportunity to continue to study and develop their knowledge of technical theatre arts on a more challenging level with an emphasis on set construction. Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills.

Grade: Technical Theatre II – Stagecraft 9-12

Grade: Technical Theatre III – Advanced Stagecraft 10-12

Grade: Technical Theatre IV – Advanced Stagecraft 11-12

Technical Theatre II Stagecraft Prerequisite: Theatre Arts I, Theatre Arts I DC

Technical Theatre III Stagecraft Prerequisite: Technical Theatre II Stagecraft

Technical Theatre IV Stagecraft Prerequisite: Technical Theatre III Advanced Stagecraft

Course Weight: 1.50

VISUAL ARTS

Art Courses – General Description

Art courses are offered on four different levels which all share the same four basic strands—perception, creative expression/performance, historical and cultural heritage, and critical evaluation. Students rely on their perceptions of the environment, developed through increasing visual awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. They express their thoughts and ideas creatively, while challenging their imagination, fostering reflective thinking, and developing disciplined effort and problem-solving skills.

An art fee of \$20 is required for all courses beyond level I.

<u>071000 Art I</u>	Credit: 1
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This course introduces the elements and principles of art and attempts to provide experiences that will enable students to express creative ideas through a variety of mediums: design, drawing, painting, printmaking, and sculpture.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

<u>072010 Art II - Drawing</u>	Credit: 1
<u>072020 Art II - Painting</u>	Credit: 1
<u>072030 Art II - Sculpture</u>	Credit: 1

In level II art courses, students will interpret visual parallels between the structures of natural and human-made environments and apply design skills in creating practical applications, in clarifying presentations, and in defining choices made by consumers. Students will analyze specific characteristics of artworks in various cultures. They also will select and critique original artworks, portfolios, and exhibitions by peers or others.

Grade: 10-12

Prerequisite: Art I

Course Weight: 1.50

<u>072280 Art II Honors – Drawing</u>	Credit: 1
<u>072290 Art II Honors – Painting</u>	Credit: 1
<u>072300 Art II Honors – Sculpture</u>	Credit: 1

In level II pre-Advanced Placement courses, students will complete all of the requirements of Art II. In addition, students will learn the components of the art portfolio required in Advanced Placement courses and will begin the compilation of a portfolio.

Grade: 10-12

Prerequisite: Art I

Course Weight: 1.70

073040 Art III - Drawing**Credit: 1****073050 Art III - Painting****Credit: 1****073060 Art III - Sculpture****Credit: 1**

In level III art courses, students will analyze visual characteristics of natural and human-made subjects in a variety of ways, illustrating flexibility in solving problems, creating multiple solutions, and thinking imaginatively. Students will solve visual problems and will develop multiple solutions for designing ideas, for clarifying presentations, and for evaluating consumer choices. Students also will trace influences of various cultures on contemporary artworks; will analyze original artworks, portfolios, and exhibitions; and will provide examples of in-depth exploration of one or more themes.

Grade: 11-12**Prerequisite: Level II art course****Course Weight: 1.50****074100 Art IV - Drawing****Credit: 1****074110 Art IV - Painting****Credit: 1****074120 Art IV - Sculpture****Credit: 1**

In level IV art courses, students will create themes for personal artworks that integrate a broad range of visual observation, experiences, and imagination. They will identify and illustrate art history as a major source of interpretation. Students also will develop evaluative criteria for selecting artworks to include in a portfolio and senior exhibition that demonstrate a high level of creativity and expertise in one or more art areas.

Grade: 12**Prerequisite: Level III art course****Course Weight: 1.50****074130 AP Art Drawing Portfolio****Credit: 1****074140 AP Art Two-Dimensional Design Portfolio****Credit: 1****074150 AP Art Three-Dimensional Design Portfolio****Credit: 1**

The AP studio art courses are designed for students who are seriously interested in the practical experience of art. In each of the three courses, students will submit portfolios for evaluation at the end of the academic year. The courses encourage creative as well as systematic investigation of formal and conceptual issues and emphasize art as an ongoing process that involves the student in informed and critical decision-making. Students will develop technical skills and will become familiar with the functions of visual elements.

Grade: 11-12**Prerequisite: Level II art course****Course Weight: 1.80****073280 Art Appreciation DC****Credit: 1 (high school)****ARTS 1301 Art Appreciation****Credit: 3 hours (college)**

This course will present a historical survey of architecture, painting, sculpture, and crafts, from prehistory to the present, with emphasis on the development of Western art. The students will gain a greater understanding of the social, political, and religious contexts in which the art was created, as well as a familiarity with the basic vocabulary and methods of art analysis. The survey will be enhanced with art projects to help students appreciate how art is used in different cultural contexts.

Grade: 9-12**Prerequisite: None****Course Weight: 1.75****073270 Art Appreciation****Credit: 1**

This course will present a historical survey of architecture, painting, sculpture, and crafts, from prehistory to the present, with emphasis on the development of Western art. The students will gain a greater understanding of the social, political, and religious contexts in which the art was created, as well as a familiarity with the basic vocabulary and methods of art analysis. The survey will be enhanced with art projects to help students appreciate how art is used in different cultural contexts.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50**

073190 AP Art History**Credit: 1**

This Advanced Placement course is designed at the same level as an introductory college art history survey course. It requires a high degree of commitment to academic work and to the purposes of a program designed to meet college standards. Students will demonstrate an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. In the course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is the fundamental tool of the art historian, art history also emphasizes understanding works in context, considering such issues as patronage, gender, and the functions and effects of works of art.

Grade: 9-12**Prerequisite: None****Course Weight: 1.80****303040 Floral Design I****Credit: 1**

To be prepared for careers in floral design, students need to 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 knowledge and skills in a variety of settings. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****Note: This course meets the state graduation requirements for one credit in fine arts.**

GOVERNMENT & PUBLIC ADMINISTRATION

362000 Principles of Government and Public Administration

Credit: 1

This course introduces students to foundations of governmental functions and career opportunities within the United States. Students will examine governmental documents such as the United States Constitution and the Bill of Rights.

Grade: 9-11

Prerequisite: None

Course Weight: 1.50

363010 Public Management and Administration

Credit: 1

This course considers that governments and nonprofit administration resemble private-sector management. Students are introduced to management tools that maximize the effectiveness of administrators and affect the quality of life of citizens in the community.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

HEALTH EDUCATION

111000 Health

Credit: ½

Health education includes a study of the body and its functions related to wellness. The study encompasses emotional, physical, mental health, appropriate behavior, and the characteristics of a natural personality. Emphasis is placed on teenage decisions concerning the use of tobacco, alcohol and other drugs. Other subject areas are accident prevention, emergency care, communicable and non-communicable diseases, environmental health, and community health resources. Students also investigate current health issues.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

HEALTH SCIENCE

372010 Principles of Health Science

Credit: 1

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

Grade: 9-10

Prerequisite: None

Course Weight: 1.50

371000 Medical Terminology

Credit: 1

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

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

373200 Health Science Theory

Credit: 1

This course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. Students also should identify the employment opportunities, technology, and safety requirements of the health care industry. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment.

Grade: 10-12

Prerequisite: Biology

Course Weight: 1.50

372300 Health Science Theory/Clinical

Credit: 2

This course is designed to provide the development of advanced knowledge and skills related to a wide variety of health careers. This course allows students to take Theory and Clinical concurrently in a consecutive block allowing students sufficient time to master the content of both courses. The clinical portion of this course will allow students to employ hands on experiences for continued skill development.

Grade: 10-12

Prerequisite: Biology

Course Weight: 1.50

041400 Introduction to Imaging

Credit: 1

The Introduction to Imaging Technology course provides students an introduction to the basic principles, guidelines, and knowledge needed for members of the medical imaging field.

Grade: 9-10

Prerequisite: Health Science, Medical Terminology or Health Science Theory

Course Weight: 1.5

374040 Practicum in Health Science I – Pharmacy Technician

Credit: 2

The Practicum is designed to give students practical application of previously studied knowledge and skills. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. This course provides students with knowledge and skills in the classification and study of pharmacological agents to understand the treatment, care, and restoration of the client's health. Students will explore the practical applications of mathematics related to the disease process, dosage calculations, and interaction in therapeutic care.

Grade: 11-12

Prerequisite: Health Science Theory & Biology

Note: A TB skin test is required each year.

Approximate fees: Drug screen - \$30; Scrubs - \$50; skills kit - \$6; background check fee - \$54

Course Weight: 1.50

373340 Practicum in Health Science I - Pharmacy Technician DC**Credit: 2 (high school)****PHRA 1309 Pharmaceutical Mathematics (extended)****Credit: 3 (college)**

This dual credit course will give the student both high school and college credit. Students will learn to solve pharmaceutical calculation problems encountered in the preparation and distribution of drugs.

Grade: 11-12**Prerequisites: Health Science****Course Weight: 1.75****373400 Practicum in Health Science I - EKG/Phlebotomy****Credit: 2**

Students will learn to become healthcare assistants that take blood from patients in order to check for certain medical conditions. They will also learn to perform tests called electrocardiograms which record the electrical activity of the heart.

Grade: 11-12**Prerequisites: Health Science Theory & Biology****Course Weight: 1.50****374050 Practicum in Health Science I DC CNA****Credit: 2-3 (high school)****NURA 1301 Nurse Aide for Health Care****Credit: 3 hours (college)****NURA 1160 Clinical Nurse Aide Assistant****Credit: 1 hours (college)**

The Practicum is designed to give students practical application of previously studied knowledge and skills. Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions. This course, which leads to a certification program, is taught on the Texarkana College campus.

Grade: 11-12**Prerequisite: Health Science Theory & Biology; college entrance requirements****Note: A TB skin test is required each year.****Approximate fees: Drug screen - \$30; Scrubs - \$50; skills kit - \$6; background check fee - \$54****Course Weight: Unweighted (off campus at Texarkana College)****373070 Anatomy and Physiology****Credit: 1**

In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Instruction will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. *This course must include at least 40% laboratory investigations and fieldwork using appropriate scientific inquiry.*

Grade: 10-12**Prerequisite: Biology I and 1 additional science credit****Course Weight: 1.50****Note: This course satisfies a high school science graduation requirement.****373050 Pharmacology****Credit: 1**

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

Grade: 11-12**Prerequisite: Biology and Chemistry****Course Weight: 1.50****373060 Pharmacology DC****Credit: 1 (high school)****PHRA 1301 Introduction to Pharmacy****Credit: 3 (college)****PHRA 1305 Drug Classification****Credit: 3 (college)**

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

Grade: 11-12**Prerequisites: Biology and Chemistry****Course Weight: 1.75**

282010 Sports Medicine I

Credit: 1

283030 Sports Medicine II

Credit: 1

284040 Sports Medicine III

Credit: 1

These state innovative courses provide an opportunity for the study and application of the components of sports medicine, including but not limited to sports medicine related careers; organizational and administrative considerations; prevention of athletic injuries; recognition, evaluation, and immediate care of athletic injuries; rehabilitation and management skills; taping and wrapping techniques; first aid/CPR/AED; emergency procedures; nutrition; sports psychology; human anatomy and physiology; therapeutic modalities; and therapeutic exercise.

Grade: 10-12

Sports Medicine I Prerequisite: None

Sports Medicine II Prerequisite: Sports Medicine I

Sports Medicine III Prerequisite: Sports Medicine II

Course Weight: 1.50

282020 Sports Medicine I DC

Credit: 1 (high school)

PHED 1306 First Aid

Credit: 3 hours (college)

PHED 2356 Care and Prevention of Athletic Injuries

Credit: 3 hours (college)

The state innovative course for Sports Medicine also is offered as a dual credit course. The course focuses on the prevention and care of athletic injuries with emphasis on qualities of a good athletic trainer, on avoiding accidents and injuries, on recognizing signs and symptoms of specific sports injuries and conditions, on immediate and long-term care of injuries, and on administration procedures in athletic training.

Grade: 10-12

Prerequisite: None

Course Weight: 1.75

HOSPITALITY & TOURISM

381000 Principles of Hospitality and Tourism

Credit: 1

The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

381010 Hotel Management

Credit: 1

This course focuses on the knowledge and skills needed to pursue staff and management positions available in the hotel industry. This in-depth study of the lodging industry includes departments within a hotel such as front desk, food and beverage, housekeeping, maintenance, human resources and accounting. This course will focus on, but not be limited to, professional communication, leadership, management, human resources, technology, and accounting.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

381030 Travel and Tourism Management

Credit: 1

This course incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

382060 Food Science

Credit: 1

In this course, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.

Grade: 11-12

Prerequisite: Three units of science including biology and chemistry

Course Weight: 1.50

Note: This course satisfies a high school science graduation requirement.

381020 Introduction to Culinary Arts

Credit: 1

This course will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant.

Grade: 9-10

Prerequisite: None

Course Weight: 1.50

381090 Culinary Arts

Credit: 2

This course is designed to offer skills and hands-on experience for the student interested in the food service industry. The course includes the study of health laws, sanitation, food technology, food preparation, merchandising operations, salesmanship, and service-related etiquette.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

383070 Culinary Arts DC**CHEF 1305 Sanitation and Safety****RSTO 1313 Hospitality Supervision****RSTO 1325 Purchasing for the Hospitality Industry**

This course 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, a Texas culinary specialist certification, or any other appropriate industry certification. This course is taught on the Texarkana College campus.

Grade: 10-12

Prerequisite: None

Note: Students must purchase a kit that costs approximately \$30.

Course Weight: 1.75

Credit: 2 (high school)

Credit: 2 hours (college)

Credit: 3 hours (college)

Credit: 3 hours (college)

382000 Advanced Culinary Arts

Credit: 2

This course extends content and enhances skills introduced in culinary arts by infusing high-level, industry-driven content to prepare students for success in higher education, certifications, and/or immediate employment. This mid-level course will increase students' depth of knowledge and experience in specific areas including baking, protein selection, advanced nutrition, and sustainability. Students will trace the origin of food recipe and preparation. They will be able to apply the USDA regulatory method of grading food as they select items for production. Students will differentiate between front and back of the house roles and how these areas work together to create a successful operation. Students will prepare for national certifications that will provide them an advantage for scholarships, college admittance, and employment.

Grade: 11-12

Prerequisite: Culinary Arts

Course Weight: 1.50

384080 Advanced Culinary Arts DC

Credit: 2 (high school)

CHEF 1401 Basic Food Prep

Credit: 3 hours (college)

HAMG 1221 Introduction to Hospitality Industry

Credit: 3 hours (college)

This course extends content and enhances skills introduced in culinary arts by infusing high-level, industry-driven content to prepare students for success in higher education, certifications, and/or immediate employment. This mid-level course will increase students' depth of knowledge and experience in specific areas including baking, protein selection, advanced nutrition, and sustainability. Students will trace the origin of food recipe and preparation. They will be able to apply the USDA regulatory method of grading food as they select items for production. Students will differentiate between front and back of the house roles and how these areas work together to create a successful operation. Students will prepare for national certifications that will provide them an advantage for scholarships, college admittance, and employment.

Grade: 11-12

Prerequisite: Culinary Arts

Course Weight: 1.75

382100 Practicum in Culinary Arts I

Credit: 2

This course is designed as a continuation of Culinary Arts by providing opportunities for students to participate in a hands-on learning environment. The course includes the study of health laws, sanitation, food technology, food preparation, merchandising operations, salesmanship, and service-related etiquette.

Grade: 12

Prerequisite: Advanced Culinary Arts

Course Weight: 1.50

384090 Practicum in Culinary Arts I DC

Credit: 2 (high school)

CHEF 2301 Intermediate Cooking

Credit: 3 hours (college)

PSTR 1301 Baking

Credit: 3 hours (college)

This course is a practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. The course integrates academic and career and technical education; provides more interdisciplinary instruction; and supports strong partnerships among schools, businesses, and community institutions with the goal of preparing students with a variety of skills in a fast-changing workplace. This course is taught on the Texarkana College campus.

Grade: 12

Prerequisite: Advanced Culinary Arts DC

Course Weight: 1.75

HUMAN SERVICES

391000 Principles of Human Services

Credit: 1

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

391010 Dollars and Sense

Credit: ½

This course focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and preparation for human services careers.

Grade: 11-12

Prerequisite: None

Course Weight: 1.50

391020 Child Development

Credit: 1

This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

393030 Child Development DC

Credit: 1 (high school)

PSYC 2308 Child Psychology

Credit: 3 hours (college)

This advanced technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

Grade: 10-12

Prerequisite: None; college entrance requirements

Course Weight: 1.75

042300 Child Development Associate Foundation DC

Credit: 1 (high school)

CDEC 1317 (fall) Child Development Associate Training 1

Credit: 3 (college)

CDEC 2322 (spring) Child Development Associate Training 2

Credit: 3 (college)

The Child Development Associate (CDA) Foundations course is a laboratory course addressing the knowledge and skills related to applying Child Development Associate (CDA) Competency Standards in early childhood environments and understanding how these competencies help young children move with success from one developmental stage to the next. Students will be prepared and informed on the requirements that must be met to apply for the nationally recognized CDA credential.

Grade: 10-12

Prerequisite: None

Course Weight: 1.75

393040 Child Guidance

Credit: 2

This technical laboratory course addresses the knowledge and skills related to child growth and guidance, equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs.

Grade: 11-12

Prerequisite: Students must meet admittance requirements established by state licensing agencies.

Course Weight: 1.50

391070 Family and Community Services**Credit: 1**

This laboratory-based course is designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****391080 Interpersonal Studies****Credit: ½**

This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****252500 Interpersonal Studies DC****Credit: ½ (high school)****PSYC 1300 Learning Frameworks****Credit: 3 hours (college)**

This dual credit course allows students to receive both high school and college credit at the same time. This course is recommended to be taken within the first nine college hours and is designed to help students develop good study skills using Covey's 7 Habits.

Grade: 9-12**Prerequisite: None****Course Weight: 1.75****391090 Lifetime Nutrition and Wellness****Credit: ½**

This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****393050 Introduction to Cosmetology DC****Credit: 1 (high school)****CSME 1401 Orientation to Cosmetology****Credit: 4 hours (college)**

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.

Grade: 11-12**Prerequisite: None; college entrance requirements****Note: Students must purchase kits at an approximate cost of \$120 for level I and \$90 for level II.****Course Weight: Unweighted (off campus at Texarkana College)****393100 Cosmetology I DC****Credit: 2 (high school)****CSME 1410 Introduction to Haircutting & Related Theory****Credit: 4 hours (college)****394110 Cosmetology II DC****Credit: 2 (high school)****CSME 1453 Introduction to Chemical Reformation****Credit: 4 hours (college)**

This coursework is a planned 1500 clock hour, two-year sequence of classroom and laboratory instruction, 1000 laboratory clock hours plus 500 academic hours awarded upon the completion of the 1000 laboratory hours. Instruction is designed to provide job-specific training for entry-level employment in cosmetology careers. Instruction includes sterilization and sanitation processes, shampooing and rinsing hair, application of conditioning creams and color rinses, application of scalp and hair treatments, shaping and thinning hair, hair-styling, permanent waving, hair coloring, manicuring, facial massages and make-up, and meets the Texas Cosmetology Commission requirements for licensure upon passing state exam. These courses are taught on the Texarkana College campus.

Grade: 11-12**Prerequisite: None; college entrance requirements****Note: Students must purchase kits at an approximate cost of \$120 for level I and \$90 for level II.****Course Weight: Unweighted (off campus at Texarkana College)**

393060 Principals of Cosmetology Design and Color Theory DC

Credit: 1 (high school)

CSME 2310 Advanced Haircutting & Related Theory

Credit: 3 hours (college)

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.

Grade: 11-12

Prerequisite: None; college entrance requirements

Note: Students must purchase kits at an approximate cost of \$120 for level I and \$90 for level II.

Course Weight: Unweighted (off campus at Texarkana College)

393000 Practicum in Human Services

Credit: 2

This course provides occupationally specific training and focuses on the development of consumer services, early childhood development and services, counseling and mental health services, and family and community services careers. Content for the course is designed to meet the occupational preparation needs and interests of students and will be based upon the knowledge and skills selected from two or more courses in a coherent sequence in the human services cluster. Students also will demonstrate knowledge of critical thinking, problem solving, information technology, ethical and legal responsibilities, leadership, teamwork, and entrepreneurship.

Grade: 11-12

Prerequisite: 1 credit in within Human Services

Course Weight: 1.50

INFORMATION TECHNOLOGY

401000 Principles of Information Technology

Credit: 1

Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

403010 Computer Maintenance

Credit: 1

In this course, students acquire principles of computer maintenance, including electrical and electronic theory, computer hardware principles, and broad level components related to the installation, diagnosis, service, and repair of computer systems. The course will prepare students for the CompTIA A+ certification exam, which covers maintenance of PCs, mobile devices, laptops, operating systems, and printers.

Grade 10-12

Prerequisite: None

Course Weight: 1.50

404030 Computer Technician Practicum

Credit: 2

In this course, students gain knowledge and skills in the area of computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems.

Grade: 11-12

Prerequisite: Computer Maintenance

Course Weight: 1.50

403000 Internetworking Technologies I (CISCO)

Credit: 1

This course is part of a two-year program. At the end of the second year, students must pass the entry-level CISCO test to receive certification (CCNA). The first semester the curriculum will include OSI model and industry standards, networked topologies, IP addressing, including subnet masks, networking components, and basic network design. The second semester's curriculum includes router configurations and routed and routing protocols. This course is a coordinated partnership with Cisco Systems to create a qualified talent pool for building and maintaining education networks.

Grade: 11-12

Prerequisite: Algebra I

Course Weight: 1.50

403010 Internetworking Technologies I DC (CISCO)

Credit: 1 (high school)

ITCC 1314 CCNA 1: Introduction to Computer Maintenance

Credit: 4 hours (college)

This course is part of a two-year program. At the end of the second year, students must pass the entry-level CISCO test to receive certification (CCNA). The first semester the curriculum will include OSI model and industry standards, networked topologies, IP addressing, including subnet masks, networking components, and basic network design. The second semester's curriculum includes router configurations and routed and routing protocols. This course is a coordinated partnership with Cisco Systems to create a qualified talent pool for building and maintaining education networks.

Grade: 11-12

Prerequisite: Algebra I

Course Weight: 1.75

404000 Internetworking Technologies II (CISCO)

Credit: 1

This course is the second year of the CISCO Networking curriculum. At the end of the course, students must pass the entry-level CISCO test to receive certification (CCNA). The first semester will include advanced router configurations, LAN (Local Area Networking) switching theory, advanced LAN and LAN switched design, Novell IPX, and threaded case studies. The second semester curriculum includes the WAN (Wide Area Network) theory and design, WAN technology, frame delay, network troubleshooting, national SCANS skills, and threaded case studies.

Grade: 12

Prerequisite: Internetworking Technologies I

Course Weight: 1.50

404010 Internetworking Technologies II DC (CISCO)**Credit: 1 (high school)****ITCC 1344 CISCO 2: Switching, Routing & Wireless Essentials****Credit: 4 hours (college)**

This course is the second year of the CISCO Networking curriculum. At the end of the course, students must pass the entry-level CISCO test to receive certification (CCNA). The third semester will include advanced router configurations, LAN (Local Area Networking) switching theory, advanced LAN and LAN switched design, Novell IPX, and threaded case studies. The fourth semester curriculum includes the WAN (Wide Area Network) theory, and design, WAN technology, frame delay, network troubleshooting, national SCANS skills, and threaded case studies.

Grade: 12**Prerequisite: Internetworking Technologies I DC; college entrance requirements****Course Weight: 1.75****041200 Introduction to C# Programming Applications****Credit: 1****041210 Introduction to C# Programming Applications DC****Credit: 1 (high school)****ITSC 1329 Programming Logic & Design****Credit: 3 hours (college)****COSC 1336 Programming Fundamentals****Credit: 3 hours (college)**

Introduction to C# Programming Applications is a study of C# syntax including data types, control structures, functions, syntax and semantics of language, classes, class relations and exception handling.

Grade: 9-12**Pre-requisite: None****Course Weight: 1.50****Dual Credit Course Weight: 1.75****403070 Networking****Credit: 1**

This course provides a basic introduction to the development and impact of telecommunications and the operational and technical aspects of network and telecommunications systems. It allows students to explore the various types and uses of networks and on-line services and to develop skills in accessing, navigating, and applying on-line services. Students are able to develop skills in creating, editing, and installing web pages.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****403080 Digital Media****Credit: 1**

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

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****403090 Web Design****Credit: 1**

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

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****401300 Web Design DC****Credit: 1 (high school)****IMED 1316 Web Design I****Credit: 3 hours (college)**

This dual credit course offers students the opportunity to acquire knowledge of web design and technological operations and concepts that support creativity, innovation, collaboration, information fluency, critical thinking and decision making. 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.

Grade: 9-12**Prerequisite: Introduction to C# Programming Applications or instructor approval****Course Weight: 1.75**

401200 Web Communications**Credit: ½**

In Web Communications, students will acquire knowledge of web communications and technological operations and concepts. This exploratory course has six strands including creativity and innovation; communication and collaboration; research and information fluency; critical thinking, problem solving, and decision making; digital citizenship; and tech operations and concepts.

Grade: 9-12**Prerequisite: None****Course Weight: 1.50****403200 Practicum in Information Technology****Credit: 2**

In the Practicum in Information Technology, students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.

Grade: 11-12**Prerequisites: 2 credits of Computer, Technology, IT coursework****Course Weight: 1.50****430250 Practicum in Information Technology DC****Credit: 2 (high school)****ITSC 1321 Intermediate PC Operating Systems****Credit: 3 (college)**

This dual credit course offers the student both high school and college credit. In the Practicum in Information Technology, students will gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation, and assessment of products, services, and systems. Knowledge and skills in the proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an industry mentor, as an unpaid or paid internship, as part of a capstone project, or as career preparation.

Grade: 11-12**Prerequisites: 2 credits of Computer, Technology, IT coursework****Course Weight: 1.75**

LANGUAGES OTHER THAN ENGLISH

General Description

Acquiring another language incorporates communication skills such as listening, speaking, reading, writing, viewing, and showing. Students develop these communication skills by using knowledge of the language (including grammar), knowledge of the culture, communication and learning strategies, technology, and content from other subject areas to socialize, to acquire and provide information, to express feelings and opinions, and to get others to adopt a course of action. While knowledge of other cultures, connections to other disciplines, comparisons between languages and cultures, and community interaction all contribute to and enhance the communicative language learning experience, communication skills are the primary focus of language acquisition.

<u>151000 French I</u>	Credit: 1
<u>151010 French II</u>	Credit: 1
<u>151160 French II Honors</u>	Credit: 1
<u>151200 Latin I Honors</u>	Credit: 1
<u>151210 Latin II Honors</u>	Credit: 1
<u>151040 Spanish I</u>	Credit: 1
<u>151050 Spanish II</u>	Credit: 1
<u>151170 Spanish II Honors</u>	Credit: 1

In levels I and II courses (novice levels), students will demonstrate an understanding of simple, clearly spoken, and written language. Students will develop an understanding of the practices and perspectives of the cultures studied; use the language to obtain, reinforce, or expand knowledge of other subject areas; demonstrate an understanding of the influence of language and culture on another; and use the language both within and beyond the school setting through activities such as participating in cultural events and using technology to communicate.

Level I courses

Grade: 8-12

Prerequisite: None

Level II courses

Grade: 9-12

Prerequisite: Level I courses

Course Weight: 1.50; Honors 1.70

<u>151180 Spanish II for Spanish Speakers Honors</u>	Credit: 1
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Recommended for students with Spanish as their Home Language. Students will demonstrate an understanding of simple, clearly spoken, and written language. Students will develop an understanding of the practices and perspectives of the cultures studied; use the language to obtain, reinforce, or expand knowledge of other subject areas; demonstrate an understanding of the influence of language and culture on another; and use the language both within and beyond the school setting through activities such as participating in cultural events and using technology to communicate.

Grade: 9-12

Prerequisite: Level I course, Teacher recommendation

Course Weight: 1.70

<u>152060 French III Honors</u>	Credit: 1
<u>153070 AP French Language</u>	Credit: 1
<u>152100 Spanish III Honors</u>	Credit: 1
<u>153110 AP Spanish Language</u>	Credit: 1
<u>152200 AP Latin</u>	Credit: 1

Levels III and IV foreign language courses (intermediate levels), emphasize the use of language for active communication. The objectives of these courses are the ability to understand the spoken language in various contexts; a vocabulary in that language which is sufficiently ample for reading newspaper and magazine articles, literary texts, and other non-technical writings without dependence on a dictionary; and the ability to express oneself coherently, resourcefully, and with reasonable fluency and accuracy in both the written and spoken language. These courses seek to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines and to emphasize extensive training in the organization and writing of compositions.

Level III courses

Grade: 10-12

Prerequisite: Level II courses of same language

Level IV courses

Grade: 11-12

Prerequisite: Level III courses of same language

Course Weight: Honors 1.70; AP 1.80

154180 Spanish Language DC
SPAN 1411 Beginning Spanish I
SPAN 1412 Beginning Spanish II

Credit: 1 (high school)
Credit: 4 hours (college)
Credit: 4 hours (college)

Level IV foreign language courses (intermediate level), emphasize the use of language for active communication. The objectives of these courses are the ability to understand the spoken language in various contexts; a vocabulary in that language which is sufficiently ample for reading newspaper and magazine articles, literary texts, and other non-technical writings without dependence on a dictionary; and the ability to express oneself coherently, resourcefully, and with reasonable fluency and accuracy in both the written and spoken language. These courses seek to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines and to emphasize extensive training in the organization and writing of compositions.

Grade: 11-12

Prerequisite: Spanish III

Course Weight: 1.75

153220 French Language DC
FREN 1411 Beginning French I
FREN 1412 Beginning French II

Credit: 1 (high school)
Credit: 4 hours (college)
Credit: 4 hours (college)

Level IV foreign language courses (intermediate level), emphasize the use of language for active communication. The objectives of these courses are the ability to understand the spoken language in various contexts; a vocabulary in that language which is sufficiently ample for reading newspaper and magazine articles, literary texts, and other non-technical writings without dependence on a dictionary; and the ability to express oneself coherently, resourcefully, and with reasonable fluency and accuracy in both the written and spoken language. These courses seek to develop language skills (reading, writing, listening, and speaking) that can be used in various activities and disciplines and to emphasize extensive training in the organization and writing of compositions.

Grade: 11-12

Prerequisite: French III

Course Weight: 1.75

154230 French V: Cultural and Linguistic Topics
154240 Spanish V: Cultural and Linguistic Topics

Credit: 1
Credit: 1

In level V foreign language courses (advanced level), student master novice tasks, expand their ability to perform intermediate tasks, and develop their ability to perform the tasks of the advanced language learner. Students will participate fully in casual conversation in culturally appropriate ways; explain, narrate, and describe in past, present, and future time when speaking and writing; understand main ideas and most details of materials on a variety of topics when listening and reading; and write coherent paragraphs. Students also will cope successfully in problematic social and survival situations and achieve an acceptable level of accuracy of expression by using knowledge of language components, including grammar. The advanced language learner reads and comprehends authentic texts of prose and poetry of selected authors. The skills of listening, speaking, and writing are used to reinforce the skill of reading.

Grade: 12

Prerequisite: Level IV courses of same language

Note: Students wishing to receive AP level weight for these courses must successfully complete the Independent Research Program.

Course Weight: 1.50

151120 American Sign Language I
152130 American Sign Language II

Credit: 1
Credit: 1

American Sign Language is a fully developed human language, one of the hundreds of naturally occurring signed languages of the world. These courses provide students with an understanding of another people's language and customs, as well as a deeper appreciation of their own language. In Levels I and II, students develop the ability to perform the tasks of the novice language learner. The student will learn to understand short-signed phrases when attending and respond expressively with learned material. The student also will produce learned signs, phrases, and sentences, and will detect main ideas in familiar material that is signed. In recognizing the importance of communication and how it relates to the American Deaf culture, the student will learn to transcribe American Sign Language into English gloss.

Level I course

Grade: 8-12

Prerequisite: None

Level II courses

Grade: 9-12

Prerequisite: Level I course of same language

Course Weight: 1.50

153140 American Sign Language III**Credit: 1****154150 American Sign Language IV Honors****Credit: 1**

In intermediate levels of American Sign Language, students expand their abilities by participating in simple face-to-face communication. Students learn to create statements and questions to communicate independently when signing. They also understand main ideas and details of signed material on familiar topics. In meeting practical and social communication needs, students will use their knowledge of the components of American Sign Language, including grammar, and their knowledge of the culture in the development of communication skills. Students should be able to cope successfully in straightforward social and survival situations. These courses include receptive and expressive skills. Students will use expressive and receptive skills to demonstrate comprehension.

Level III course**Grade: 10-12****Prerequisite: Level II course of same language****Level IV courses****Grade: 11-12****Prerequisite: Level III course of same language****Course Weight: 1.70****221000 Computer Science I****Credit: 1**

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements plan search strategies and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.50****Note: This course satisfies the state graduation requirement for a course under Languages other than English.****401060 Computer Science I Python Programming DC****Credit: 1 (high school)****ITSC 1329 Programming Logic & Design****Credit: 3 hours (college)****ITSC 1391 Python****Credit: 3 hours (college)**

Computer Science I DC will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Students will gain an understanding of the principles of computer science through the study of Python programming. Students will receive both high school and college credit for this dual credit course.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.75****Note: This course satisfies the state graduation requirement for a course under Languages other than English.****222000 Computer Science II****Credit: 1**

In this course, students will develop products and generate new understandings by extending existing knowledge. Students will collaborate with peers and will use software engineering to work in software design teams. Students will locate, analyze, process, and organize data while using critical thinking, problem solving, and decision making. Students will explore and understand safety, legal, cultural, and societal issues relating to the use of technology and information.

Grade: 10-12**Prerequisite: Computer Science I****Course Weight: 1.50****Note: This course satisfies the state graduation requirement for a course under Languages other than English.****223000 Computer Science III Honors**

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course.

Grade: 11-12**Pre-requisite: Computer Science II****Course Weight: 1.70****Note: This course satisfies the state graduation requirement for a course under Languages other than English.**

172010 AP Computer Science A**Credit: 2**

The Advanced Placement Computer Science A course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.

Grade: 10-12**Prerequisite: Algebra II and Computer Science I****Course Weight: 1.80****Note: This course satisfies both a foreign language and a mathematics credit for graduation.****177020 AP Computer Science Principles****Credit: 1**

This course will follow the content recommended by College Board to foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course.

Grade: 9-12**Pre-requisite: Algebra I****Course Weight: 1.80****Note: This course satisfies the state graduation requirement for a course under Languages other than English.**

LAW AND PUBLIC SERVICE

411000 Principles of Law, Public Safety, Corrections, and Security

Credit: 1

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

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

411050 Principles of Law, Public Safety, Corrections, and Security DC

Credit: 1 (high school)

CRIJ 1301 Intro to Criminal Justice

Credit: 3 hours (college)

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

Grade: 9-12

Prerequisite: None

Course Weight: 1.75

412000 Correctional Services

Credit: 1

In this course student prepare for certification required for employment as a municipal, county, state, or federal correctional officer. Students will learn the role and responsibilities of a county or municipal correctional officer; discuss relevant rules, regulations and laws of municipal, county, state or federal facilities; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the municipal, county, state or deferral correctional setting. Students will analyze rehabilitation and alternatives to institutionalization for inmates.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

412010 Correctional Services DC

Credit: 1 (high school)

CRIJ 2313 Correctional Systems and Practices

Credit: 3 hours (college)

This dual credit course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at Texarkana College for 3 hours of college credit. Students will learn the role and responsibilities of a county or municipal correctional officer; discuss relevant rules, regulations and laws of municipal, county, state or federal facilities; and discuss defensive tactics, restraint techniques, and first aid procedures as used in the municipal, county, state or deferral correctional setting. Students will analyze rehabilitation and alternatives to institutionalization for inmates.

Grade: 10-12

Prerequisite: None

Course Weight: 1.75

413010 Court Systems and Practices

Credit: 1

This course is an overview of the federal and state court systems. The course identifies the roles of judicial officers and the trial processes from pretrial to sentencing and examines the types and rules of evidence. Emphasis is placed on constitutional laws for criminal procedures such as search and seizure, stop and frisk, and interrogation.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

413030 Law Enforcement I

Credit: 1

This course is an overview of the history, organization, and functions of local, state, and federal law enforcement. The course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

Grade: 11-12

Prerequisite: None

Course Weight: 1.50

413100 Law Enforcement I DC**Credit: 1**

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. The course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

Grade: 11-12**Prerequisite: None****Course Weight: 1.75****414000 Law Enforcement II****Credit: 1**

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. The course includes ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony. Students will recognize the importance of using anger management techniques and will examine the techniques used to manage crisis situations and maintain public safety. Students also will analyze procedures and protocols for domestic violence; for local and state law enforcement pertaining to alcohol and beverage laws; for serving writs, warrants, and summons; for implementing crowd management strategies; for safely transporting a person in custody; for investigating motor vehicle accidents; for handling and managing explosive and hazardous materials incidents, and for protection from potential terrorist and natural disaster threats.

Grade: 12**Prerequisite: Law Enforcement I****Course Weight: 1.50****414040 Law Enforcement II DC****Credit: 1**

This course provides the knowledge and skills necessary to prepare for a career in law enforcement. The course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

Grade: 12**Prerequisite: Law Enforcement I****Course Weight: 1.75****413050 Firefighter I****Credit: 2**

This course introduces students to firefighter safety and development. Students will analyze Texas Commission of Fire Protection rules and regulations, proper incident reporting and records, proper use of personal protections equipment, and the principles of fire safety.

Grade: 11-12**Prerequisite: Principles of Law, Public Safety, Corrections, and Security****Course Weight: 1.50****043300 Advanced Legal Skills and Professions****Credit: 1**

Advanced Legal Skills and Professions provides students with a foundation to understand the basic mechanics of the U.S. legal system. Building on prior instruction in constitutional issues and the basics of American court systems, this course provides insight into the practical application of the law, as well as civil and criminal procedure, giving students a hands-on opportunity to experience a variety of legal professions.

Grade: 11-12**Prerequisite: None****Course Weight: 1.50****413080 Forensic Science – Honors****Credit: 1**

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

Grade: 11-12**Prerequisites: Biology I and Chemistry I****Course weight: 1.70****Note: This course satisfies a high school science graduation requirement.**

MANUFACTURING

423000 Welding I DC

WDLG 1337 Introduction to Welding Metallurgy

WLDG 1421 Welding Fundamentals

Credit: 2 (high school)

Credit: 3 hours (college)

Credit: 4 hours (college)

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

Grade: 11-12

Prerequisite: None

Course Weight: Unweighted (off campus at Texarkana College)

Note: Students must purchase a kit at the approximate cost of \$30 (non-synthetic boots, jeans & T-shirt required)

424010 Welding II DC

WDLG 1428 Introduction to Shielded Metal Arc

WLDG 2443 Advanced Shielded Metal Arc

Credit: 2 (high school)

Credit: 4 hours (college)

Credit: 4 hours (college)

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

Grade: 12

Prerequisite: Welding I DC

Course Weight: Unweighted (off campus at Texarkana College)

Note: Students must purchase a kit at the approximate cost of \$30 (non-synthetic boots, jeans & T-shirt required)

MATHEMATICS

Math Sequence of Courses

Grade Level	Regular	Pre-AP/Dual Credit	Accelerated	All Other Courses Available at Minimum Grade Level
7	Math 7	Math 7 (Accelerated)	Pre-AP Algebra I	
8	Math 8	Pre-AP Algebra I	Pre-AP Geometry with Statistics	
9	Algebra I	Pre-AP Geometry with Statistics	Algebra II Honors; Algebra II DC	Pre-AP Algebra I; ISM: College Prep Math Math Models; Geometry; Algebra II;
10	Geometry	Algebra II Honors; Algebra II DC	Precalculus Honors Advanced Quantitative Reasoning (Statistics) DC Stat. & Risk Man. DC AP Statistics AP Computer Science A	Algebra II; Geometry; Pre-AP Geometry with Statistics; Algebraic Reasoning; Precalculus; Engineering Math; Adv. Quant. Reasoning; Stat. & Risk Man. Financial Mathematics
11	Math Models	Precalculus Honors Advanced Quantitative Reasoning (Statistics) DC Stat. & Risk Man. DC AP Computer Science A AP Statistics	AP Calculus AB AP Calculus BC	See note below.
12	Algebra II	AP Calculus AB AP Calculus BC	Note: It is highly recommended that college-bound students take math courses during their junior and senior years.	

171000 Algebra I

Credit: 1

Algebra I provides the foundation concepts for high school mathematics. Students will be introduced to algebraic thinking and will use symbols to study relationships among quantities. They will be introduced to the relationship between equations and functions and will receive the tools for algebraic thinking as well as the training to use technology to model mathematical situations to solve meaningful problems. Foundations will be laid for all functions, with emphasis on linear and quadratic.

Grade: 9

Prerequisite: none

Course Weight: 1.50

171030 Pre-AP Algebra I

Credit: 1

In this advanced and rigorous course, students will explore real-life application of mathematic concepts, including functional relationships, linear functions, quadratic and non-linear functions, patterns, algebraic thinking and reasoning, measurement, and probability/statistics. The curriculum and the instructional strategies will facilitate critical thinking and problem solving skills. Cooperative learning, project-based learning, and inquiry-based learning will be common practices in this challenging course. In this official College Board Pre AP designated course, students will benefit from engaging, targeted course materials that help them master grade level content. Students will master linear relationships and craft arguments to solve real-world problems.

Grade: 9

Prerequisite: None

Course Weight: 1.70

171010 Geometry**Credit: 1**

Geometry provides an opportunity to do geometric thinking and spatial reasoning. The student will study properties and relationships of all geometric figures relating to zero, one, two, and three dimensions and will be introduced to the relationship between geometry & other mathematics with other disciplines.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.50****171020 Pre-AP Geometry with Statistics****Credit: 1**

Geometry Pre-AP will teach the required course content of Geometry and will give students additional opportunities for a more in-depth exploration of the elements of geometry. Students will be able to independently investigate the effects of geometry on the real world with the use of computer-enhanced constructions and modeling. In this official College Board Pre AP designated course, students will benefit from engaging, targeted course materials that help them master grade level content. Students will focus on concepts of measurement in the contexts of shape, space, and data.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.70****172030 Algebra II****Credit: 1**

Algebra II allows students to continue to build on the algebraic skills of analysis of data and the foundations of Algebra I. It shows a connection between algebra and geometry and illustrates how the tools of one can be used to solve problems in the other. The course includes in-depth studies and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.50****172040 Algebra II Honors****Credit: 1**

This course contains the required content of Algebra II and extends knowledge to include more extensive data analysis and problem solving necessary to be successful in the AP mathematics program. Students learn how to become successful independent thinkers and problem-solvers. The course includes in-depth studies and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.70****171190 ISM: College Algebra DC****Credit: 1 (high school)****MATH 1314 College Algebra****Credit: 3 hours (college)**

This course includes the study of mathematical applications in business, life sciences and social science. Topics in this course include set theory, systems of linear equations, matrices, linear inequalities and linear programming, mathematics of finance, elementary probability theory, and topics in probability. The course will include the study of graphs, functions and their inverses, polynomial and rational functions, roots of polynomial equations, exponential and logarithmic functions, linear and non-linear systems of equations and inequalities, determinants, matrices, binomial theorem, sequences and series, and permutations and combinations.

Grade: 9-12**Course Weight: 1.75****Prerequisite: Geometry and Algebra II; college entrance requirements****173060 Precalculus****Credit: 1**

This course allows students to continue to build on the mathematical foundations laid in Algebra I, II, and Geometry. Students will use functions, equations, and limits as useful tools for expressing generalizations and as means for analyzing and understanding a broad variety of mathematical relationships. Students are expected to have a good working knowledge of a graphics calculator.

Grade: 10-12**Prerequisite: Geometry and Algebra II****Course Weight: 1.50**

173070 Precalculus Honors**Credit: 1**

This course contains the required content of Precalculus and gives students a more in-depth exploration of mathematics using multiple representations, applications and modeling, justification and proof, and computation in problem-solving contexts. Students are expected to have a good working knowledge of a graphics calculator.

Grade: 10-12**Prerequisite: Geometry and Algebra II****Course Weight: 1.70****173160 Precalculus DC****Credit: 1 (high school)****MATH 1314 College Algebra****Credit: 3 hours (college)****MATH 1316 Trigonometry****Credit: 3 hours (college)**

This course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for four hours of college credit. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. Precalculus CE contains the required content of Precalculus and gives students a more in-depth exploration of mathematics using multiple representations, applications and modeling, justification and proof, and computation in problem-solving contexts. Students are expected to have a good working knowledge of a graphics calculator.

Grade: 10-12**Prerequisite: Geometry and Algebra II; college entrance requirements****Course Weight: 1.75****173280 ISM: Calculus Honors****Credit: 1**

Calculus Honors is a mathematics course that builds on the concepts learned in precalculus including multiple representations, applications and modeling, justification and proof, and computation in problem-solving contexts. This course is designed to expose students interested in pursuing a college major in business, engineering or the medical field to calculus concepts.

Grade: 11-12**Prerequisite: Precalculus****Course Weight: 1.70****174080 AP Calculus AB****Credit: 1**

Calculus AP is an advanced placement course in mathematics consisting of a full academic year of work in calculus as prescribed by the College Board Advanced Placement Program. It expands on the concepts developed and built upon in Precalculus. Students are expected to have a good working knowledge of a graphics calculator.

Grade: 11-12**Prerequisite: Precalculus****Course Weight: 1.80****173020 AP Calculus BC****Credit: 1**

Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all topics covered in Calculus AB plus additional topics, such as vectors and infinite series.

Grade: 11-12**Prerequisite: Precalculus****Course Weight: 1.80****173090 AP Statistics****Credit: 1**

Statistics AP provides students the opportunity to meet the content requirements for Advanced Placement Statistics as prescribed in the College Board Advanced Placement Program. Students are expected to have a good working knowledge of a graphics calculator.

Grade: 10-12**Prerequisite: Geometry and Algebra II****Course Weight: 1.80**

172010 AP Computer Science A**Credit: 2**

The Advanced Placement Computer Science A course is an introductory course in computer science. Because the design and implementation of computer programs to solve problems involve skills that are fundamental to the study of computer science, a large part of the course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and, when appropriate, reusable. At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science, including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. In addition, the responsible use of these systems is an integral part of the course.

Grade: 10-12**Prerequisite: Algebra II and Computer Science I****Course Weight: 1.80****Note: This course satisfies both a foreign language and a mathematics credit for graduation.****172100 Financial Mathematics****Credit: 1**

Financial Mathematics is a Career and Technical Education course about personal money management. Students will apply critical thinking skills to analyze financial decisions based on current and projected economic factors. Financial Mathematics will integrate career and postsecondary education planning into financial decision making. This course satisfies a high school mathematics graduation requirement.

Grade: 10-12**Prerequisite: Algebra I****Course Weight: 1.50****173100 Mathematical Models with Applications****Credit: 1**

In this course, students continue to build on the K-8 and Algebra I foundations as they expand their understanding through other mathematical experiences. Students use algebraic, graphical, and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Students use mathematical models from algebra, geometry, probability, and statistics and connections among these to solve problems from a wide variety of advanced applications in both mathematical and nonmathematical situations. Students use a variety of representations (concrete, pictorial, numerical, symbolic, graphical, and verbal), tools, and technology (including, but not limited to, calculators with graphing capabilities, data collection devices, and computers) to link modeling techniques and purely mathematical concepts and to solve applied problems.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.50****Note: Students who wish to use this course to satisfy one of the state graduation requirements for mathematics must take this course before they take Algebra II.****172200 Algebraic Reasoning****Credit: 1**

In Algebraic Reasoning, students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I, continue with the development of mathematical reasoning related to algebraic understandings and processes, and deepen a foundation for studies in subsequent mathematics courses. Students will broaden their knowledge of functions and relationships, including linear, quadratic, square root, rational, cubic, cube root, exponential, absolute value, and logarithmic functions. Students will study these functions through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness such as probes, measurement tools, and software tools, including spreadsheets.

Grade: 10-12**Prerequisite: Algebra I****Course Weight: 1.50****Note: Students who wish to use this course to satisfy one of the state graduation requirements for mathematics must take this course before they take Algebra II.****443100 Engineering Mathematics****Credit: 1****443020 Engineering Mathematics DC****Credit: 1**

In this course, students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.

Grade: 10-12**Prerequisite: Algebra II****Course Weight: 1.50**

173200 Advanced Quantitative Reasoning**Credit: 1**

Advanced Quantitative Reasoning includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling for mathematical reasoning. Students learn to become critical consumers of real-world quantitative data, knowledgeable problem solvers who use logical reasoning, and mathematical thinkers who can use their quantitative skills to solve authentic problems. Students develop critical skills for success in college and careers, including investigation, research, collaboration, and both written and oral communication of their work, as they solve problems in many types of applied situations.

Grade: 10-12**Prerequisite: Geometry and Algebra II****Course Weight: 1.50****173210 Advanced Quantitative Reasoning (Statistics) DC****Credit: 1 (high school)****MATH 1442 Elementary Statistical Methods****Credit: 4 hours (college)**

Advanced Quantitative Reasoning includes the analysis of information using statistical methods and probability, modeling change and mathematical relationships, and spatial and geometric modeling for mathematical reasoning. Students learn to become critical consumers of real-world quantitative data, knowledgeable problem solvers who use logical reasoning, and mathematical thinkers who can use their quantitative skills to solve authentic problems. Students develop critical skills for success in college and careers, including investigation, research, collaboration, and both written and oral communication of their work, as they solve problems in many types of applied situations. In addition, students complete college level work in the areas of data analysis, rates, ratios, probability, sampling and statistics.

Grade: 10-12**Prerequisite: Geometry and Algebra II; college entrance requirements****Course Weight: 1.75****172220 Statistics****Credit: 1**

In Statistics, students will broaden their knowledge of variability and statistical processes. Students will study sampling and experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. Students will connect data and statistical processes to real world situations. In addition, students will extend their knowledge of data analysis.

Grade: 10-12**Prerequisite: Algebra I****Course Weight: 1.50****353030 Statistics and Business Decision Making (Math for Business)****Credit: 1**

Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

Grade: 11-12**Prerequisite: Algebra II****Course Weight: 1.50****353040 Statistics and Business Decision Making DC (Math for Business)****Credit: 1 (high school)****MATH 1324 Math for Business and Social Sciences****Credit: 3 hours (college)****MATH 1325 Calculus for Business and Social Sciences****Credit: 3 hours (college)**

This course provides an introduction to business statistics in which students become statistical thinkers. Students will investigate the methods of collection, organization, presentation, analysis, and interpretation of quantitative data. Students will use data as a tool in effective business decision-making.

Grades: 11-12**Prerequisite: Algebra II; college entrance requirements****Course Weight: 1.75****303000 Mathematical Applications in Agriculture, Food, and Natural Resources****Credit: 1**

In this course, students will demonstrate mathematics knowledge and skills required to solve problems related to the agriculture, food, and natural resources industries. Students will apply statistical and data analysis; will construct and analyze charts, tables, and graphs; will demonstrate knowledge of algebraic applications; and use geometric principles. The course will meet the state graduation requirements for a fourth year of advanced mathematics.

Grade: 10-12**Prerequisite: Algebra I****Course Weight: 1.50**

171040 College Preparatory Math**Credit: 1**

College Preparatory Math exists to remediate deficiencies in order that students may excel in their chosen careers. College Prep courses are designed to prepare students for college-level academic course work. The recommendation to enroll in College Prep courses is made on the basis of diagnostic testing and THEA. Although these courses do not satisfy any college degree requirement, they are designed to assure reasonable student success in the college curriculum. The courses do qualify for high school elective credit.

Note: *Upon successful completion of this course and a minimum score of "75" on the final exam, a student will qualify for the TSI exemption for the math test scores required for enrollment in Texarkana College.*

Grades: 12

Prerequisite: *Geometry, Algebra II and satisfactory completion of the STAAR Algebra I EOC examination*

Course Weight: 1.50

173010 Applied Mathematics for Technical Professionals DC**Credit: 1 (high school)****MATH 1332 Contemporary Math****Credit: 3 hours (college)**

Applied Mathematics for Technical Professionals uses problem-solving situations, hands-on activities, and technology to extend mathematical thinking and engage student reasoning. Situations relating to technical applications provide students opportunities to make connections with mathematics and the workplace. In addition, students will learn the skills necessary to communicate using mathematics. Hands-on activities will allow students to model, explore, and develop abstract concepts applicable to technical careers. (Essential to this course is the partnership between mathematics and technical teachers.)

Grades: 11-12

Prerequisite: *Algebra I and Geometry; college entrance requirements*

Course Weight: 1.75

PHYSICAL EDUCATION

181000 Foundations of Personal Fitness

Credit: ½

This course represents a new approach in physical education and the concept of personal fitness. The basic purpose of the course is to motivate students to strive for lifetime personal fitness with an emphasis on the health-related components of physical fitness. The concept of wellness, or striving to reach optimal levels of health, is the cornerstone of this course.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

181010 Aerobic Activities I

Credit: ½

This course provides opportunities to improve basic skills, practice efficient movement, and improve skills for successful participation. A major expectation of this course is for the student to design a personal fitness program that uses aerobic activities as a foundation. Students will exhibit a level of competency in two or more aerobic activities. They also will evaluate risks and safety factors that may affect aerobic activity preferences throughout the life span.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

181080 Partner PE: Foundations of Personal Fitness

Credit: ½

181090 Partner PE: Aerobic Activities I

Credit: ½

In these courses, students work as partners with individuals with special needs and with students who have physical and/or mental disabilities. Partners focus on helping physically challenged students get exercise and increase strength and flexibility. Physical education for these students includes the development of physical and fine motor skills, and fundamental motor skills and patterns (throwing, catching, kicking, and batting). It also may include skills in aquatics, dance, and individual and group games and sports. Partners serve as friends in order to help students achieve some degree of physical education and enjoyment. The class will be concerned with reinforcing the concept of incorporating physical activity for these students into a lifestyle beyond high school.

Grade: 9-12

Prerequisite: *There is an Interest Inventory/interview process for enrollment in these courses..*

Course Weight: 1.50

Note: *Each course will have limited enrollment. Partners must agree to a one-year commitment in order to participate in the program*

181040 Adventure in Outdoor Education

Credit: ½

Students enrolled in this course will develop competency in outdoor education activities that provide opportunities for enjoyment and challenge. Emphasis is placed upon student selection of activities that also promote a respect for the environment and that can be enjoyed for a lifetime.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

181050 Individual Sports I

Credit: ½

Students in this course are expected to participate in a wide range of individual sports that can be pursued for a lifetime. The continued development of health-related fitness and the selection of individual sport activities that are enjoyable is a major objective of this course.

Grade: 9-12

Prerequisite: None

Course Weight: 1.50

ATHLETICS

<u>191200 Baseball (9)</u>	Credit: ½ -4
<u>192210 Baseball (V)</u>	Credit: ½ -4
<u>191220 Basketball - Boys (9)</u>	Credit: ½ -4
<u>192230 Basketball - Boys (V)</u>	Credit: ½ -4
<u>191240 Basketball - Girls (9)</u>	Credit: ½ -4
<u>192250 Basketball - Girls (V)</u>	Credit: ½ -4
<u>191260 Cross Country - Boys</u>	Credit: ½ -4
<u>191270 Cross Country - Girls (9)</u>	Credit: ½ -4
<u>192280 Cross Country - Girls (V)</u>	Credit: ½ -4
<u>191310 Football (9)</u>	Credit: ½ -4
<u>192320 Football (V)</u>	Credit: ½ -4
<u>191330 Golf</u>	Credit: ½ -4
<u>191340 Power Lifting</u>	Credit: ½ -4
<u>191350 Soccer - Boys (9)</u>	Credit: ½ -4
<u>192360 Soccer - Boys (V)</u>	Credit: ½ -4
<u>191370 Soccer - Girls</u>	Credit: ½ -4
<u>191380 Softball</u>	Credit: ½ -4
<u>191390 Swimming*</u>	Credit: ½ -4
<u>191401 Tennis (JV) - Boys</u>	Credit: ½ -4
<u>191402 Tennis (JV) - Girls</u>	Credit: ½ -4
<u>192410 Tennis (V)</u>	Credit: ½ -4
<u>191420 Track and Field - Boys</u>	Credit: ½ -4
<u>191430 Track and Field - Girls</u>	Credit: ½ -4
<u>191440 Volleyball (9)</u>	Credit: ½ -4
<u>192450 Volleyball (V)</u>	Credit: ½ -4

All athletic classes are sanctioned by the University Interscholastic League. In order to participate, a student must maintain a 70 average in all classes. A complete doctor's physical is required from each student athlete upon entering the 9th grade. Insurance is provided to each student athlete while participating in or while traveling to and from any UIL event sanctioned and chaperoned by TISD. TISD provides this insurance at no cost to the student athlete. Each student athlete is required to attend every practice session, unless previously excused by the head coach due to extenuating circumstances. All missed practice time will be made up. Each student will be required to abide by the rules set up by the Athletic Department without exception.

Grade: 9-12

Prerequisite: Physical Exam

***Swimming Prerequisite: Swimming is not a beginning level course. A student must demonstrate a minimum level of competency before enrolling in this course.**

Note: A student may earn two state physical education credits through athletic courses. A student may also earn up to two additional credits as local electives by enrolling in further athletic courses.

Course Weight: State credit 1.50; Local credit unweighted

<u>193900 PE Equivalent I</u>	Credit: ½ * Local
<u>193910 PE Equivalent II</u>	Credit: ½ * Local
<u>194920 PE Equivalent III</u>	Credit: ½ * Local
<u>194930 PE Equivalent IV</u>	Credit: ½ * Local

Students who have completed two credits of state physical education credit may continue to participate in a physical education equivalency program for local credit. See course descriptions for specific equivalency courses for further information.

Grade: 11-12

Prerequisite: Two credits of state physical education credit

Course Weight: Unweighted

CHEERLEADING

<u>191000 PE/Cheerleading I</u>	Credit: ½
<u>191010 Cheerleading I</u>	Credit: ½ * Local
<u>192020 PE/Cheerleading II</u>	Credit: ½
<u>192030 Cheerleading II</u>	Credit: ½ * Local
<u>192040 PE/Cheerleading III</u>	Credit: ½
<u>192050 Cheerleading III</u>	Credit: ½ * Local
<u>192060 PE/Cheerleading IV</u>	Credit: ½
<u>192070 Cheerleading IV</u>	Credit: ½ * Local

Cheerleading is an organized class formed to promote school spirit. Students enrolled in the class will participate as members of the pep squad or as cheerleaders, with positions as cheerleaders determined by auditions. Students will learn the fundamentals of cheerleading, including motion technique, jump technique, exercises and conditioning to improve jump height and form, and voice projection. Students will participate in a variety of cheer activities, such as cheers, chants, dances, and jumps. Advanced students will learn the techniques of tumbling, stunts, and pyramids. Students will perform at various school functions.

Grade: 9-12

Cheerleading I Prerequisite: None

Cheerleading II Prerequisite: Cheerleading I

Cheerleading III Prerequisite: Cheerleading II

Cheerleading IV Prerequisite: Cheerleading III

***Note: A student may earn two state physical education credits through cheerleading taken during fall semesters only. A student also may earn up to two additional credits as local electives by enrolling in cheerleading during the spring semesters.**

Course Weight: State credit 1.50; Local credit unweighted

DRILL TEAM

<u>191100 PE/Drill Team I</u>	Credit: ½
<u>081000 Dance/Drill Team I</u>	Credit: ½ *
<u>192120 PE/Drill Team II</u>	Credit: ½
<u>082010 Dance/Drill Team II</u>	Credit: ½ *
<u>193140 PE/Drill Team III</u>	Credit: ½
<u>083020 Dance/Drill Team III</u>	Credit: ½ *
<u>194160 PE/Drill Team IV</u>	Credit: ½
<u>084030 Dance/Drill Team IV</u>	Credit: ½ *

This course will stress proper stretching and conditioning of the entire body as students practice basic techniques for hands, arms, dance steps, and marching. Students also will learn more advanced skills, including leaps and turns, high kick technique, and stunts. Students will develop flexibility, strength, coordination, and rhythmic ability. Drill Team members will perform at a variety of school functions.

Grade: 9-12

Drill Team I Prerequisite: None

Drill Team II Prerequisite: Drill Team I

Drill Team III Prerequisite: Drill Team II

Drill Team IV Prerequisite: Drill Team III

***Note: A student may earn one state physical education credits through Drill Team taken during fall semesters only. A student also may earn up to two additional credits as fine arts electives by enrolling in drill team during the spring semesters.**

Course Weight: State credit 1.50; Local credit unweighted

SCIENCE

Science Sequence of Courses

Grade Level	Regular	AP	Dual Credit
9	IPC	Pre-AP Biology I	
	Biology I		
10	Chemistry I	Pre-AP Chemistry I	
	Biotechnology	AP Biology II	SRD: Biology II DC
11	Principles of Technology	AP Physics I	SRD: Chemistry II DC
	Physics I	AP Chemistry II	Physics I DC
	Earth & Space Science	AP Environmental Science	
	Astronomy		
	Environmental Systems		
	Anatomy & Physiology		
	Forensic Science		
12		AP Physics 2 AP Physics C: Mechanics AP Physics C: Electricity & Magnetism	
Note: It is highly recommended that college-bound students take science courses during their junior and senior years.			

201000 Integrated Physics & Chemistry

Credit: 1

Learning about matter, energy, and technology and their involvement with all forms of life has become increasingly important for living in today's complex world. Through laboratory and classroom experiences, students will integrate introductory concepts in chemistry and physics to life and earth sciences. Enrichment and application will be emphasized through use of experiments, research, critical thinking, problem-solving and multicultural connections. It will also integrate the disciplines of physics and chemistry in the following topics: motion, waves, transformations, properties of matter, changes in matter and solution chemistry.

Grade: 9-10

Prerequisite: None

Course weight: 1.50

201010 Biology I

Credit: 1

In Biology, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem-solving. Students in Biology study a variety of topics that include structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment.

Grade: 9-11

Prerequisite: None

Course weight: 1.50

201020 Pre-AP Biology I

Credit: 1

This course provides challenging scientific problem-solving experiences and encourages thinking, inquiry, and integrative applications of scientific concepts. It focuses on biology as a viable, creatively changing experience having impact upon life. Topics covered in the course will include molecules and cells, heredity and environment, and organisms and populations. In this official College Board Pre AP designated course, students will benefit from engaging, targeted course materials that help them master grade level content. Students will apply science practices to understand biological systems.

Grade: 9-11

Prerequisite: None

Course weight: 1.70

443080 SRD: Biology II DC**Credit: 1 (high school)****BIOL 1308 & 1108 Concepts of Biology I/Biology for Non-Science Majors I****Credit: 4 hours (college)****BIOL 1309 & 1109 Concepts of Biology II/Biology for Non-Science Majors II****Credit: 4 hours (college)**

This course provides the opportunity for students to receive local high school credit and college credit at the same time. Students who enter these courses must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for four hours of college credit each semester. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. First semester consist of an integrated approach to cell and molecular biology with an emphasis on biological chemistry, cell structure and function, genetics, and evolutionary biology. Second semester will consist of an integrated survey of living organisms with an emphasis on ecology and the anatomical and physiological aspects of organism diversity, nutrition, circulation, gas exchange, and reproduction.

Grade: 11-12**Prerequisite: Biology I and Chemistry I****Course weight: 1.75****203030 AP Biology II****Credit: 1**

The two main goals of this course are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. Primary emphasis is on developing an understanding of concepts rather than on memorizing terms and technical details. Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns.

Grade: 10-12**Prerequisites: Biology I, Chemistry I****Course weight: 1.80****202000 Biotechnology****Credit: 1**

In this course, students will explore the emerging field of biotechnology, including engineering and bioinformatics. Students will analyze bacterial, plant, and animal cell structures and will understand the role of genetics in the biotechnology industry and will analyze the importance of DNA technology and genetic engineering. The student will examine federal, state, local, and industry regulations as related to biotechnology.

Grade: 11-12**Prerequisite: Biology****Course weight: 1.50****202040 Chemistry I****Credit: 1**

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

Grade: 10-12**Prerequisite: One unit of science and Algebra I****Course weight: 1.50****202050 Pre-AP Chemistry I****Credit: 1**

Inclusive of the Chemistry I content and processes, the Pre-AP course also emphasizes preparation for Chemistry II AP and Biology II AP by including many of the advanced topics and experiences of Chemistry II AP at a beginning level. Topics emphasized will include structure of matter, states of matter, and chemical reactions. The course has a strong problem-solving orientation and includes associated laboratory experimentation. In this official College Board Pre AP designated course, students will benefit from engaging, targeted course materials that help them master grade level content. Students will apply science practices to understand matter and energy.

Grade: 10-12**Prerequisites: One unit of science and Algebra I****Course weight: 1.70**

443090 SRD: Chemistry II DC**Credit: 1 (high school)****CHEM 1311 & 1111 General Chemistry****Credit: 4 hours (college)**

This course provides the opportunity for students to receive local high school credit and college credit at the same time. Students who enter these courses must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for four hours of college credit each semester. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. During the first semester, the course content will include the fundamental principles of theoretical and applied chemistry, stoichiometry, atomic structure, periodic arrangement of elements, ionic and covalent bonding, gases, liquids, and solids. The second semester content will address acid-based theory, kinetics, equilibrium, thermochemistry, electrochemistry, nuclear chemistry, qualitative analysis, colloids, and the structures of organic molecules.

Grade: 11-12**Prerequisite: Chemistry I, Algebra II; college entrance requirements: Math 1314****Course weight: 1.75****203060 AP Chemistry II****Credit: 1**

Students in this course will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. Emphasis will be placed on chemical calculations and the mathematical formulation of principles. Topics such as the structure of matter, the kinetic theory of gases, chemical equilibria, chemical kinetics, and the basic concepts of thermodynamics will be presented in considerable depth. The course has a strong problem-solving orientation and includes associated laboratory experimentation. Students will design and/or conduct advanced experiments and research.

Grade: 11-12**Prerequisites: Chemistry I, Algebra II****Course weight: 1.80****201100 Aquatic Science****Credit: 1**

In Aquatic Science, students study the interactions of biotic and abiotic components in aquatic environments, including impacts on aquatic systems. Investigations in field work in this course may emphasize fresh water or marine aspects of aquatic science depending primarily upon the natural resources available for study near the school. Students will learn about a variety of aquatic systems and conduct investigations and observations of aquatic environments.

Grade: 10-12**Prerequisite: Biology, Chemistry or Concurrent enrollment in Chemistry****Course Weight: 1.50****443060 Principles of Technology****Credit: 1**

In this course, students will use a systems approach to investigate mechanical, fluid, electrical, and thermal systems. Students will solve problems, think critically, and make decisions related to technology while applying communication, science, and mathematics knowledge and skills to technological activities.

Grade: 10-12**Prerequisites: One unit of science and Algebra I****Course weight: 1.50****203220 Physics I****Credit: 1****203080 Physics I Honors****Credit: 1**

In this course, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study a variety of topics that include laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; and quantum physics

Grade: 10-12**Prerequisites: Algebra I****Course weight: Physics I 1.50; Physics I Honors 1.70****203020 Physics I DC****Credit: 1 (high school)****PHYS 1301 and 1101 College Physics I****Credit: 4 hours (college)**

This course explores the fundamental principles of physics, using algebra and trigonometry. The course will cover the principles and applications of classical mechanics, thermodynamics, harmonic motion, mechanical waves and sound. Newton's law of motion, gravitation and other fundamental forces. The course places an emphasis on problem solving.

Grade: 11-12**Prerequisites: Algebra II, Chemistry and MATH 1314 and completed or concurrently enrolled in MATH 1316****Course weight: 1.75**

203010 AP Physics I**Credit: 1**

This algebra-based Advanced Placement course is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It also will introduce electric circuits.

Grade: 11-12**Prerequisites: Algebra II and Chemistry****Course weight: 1.80****204020 AP Physics C: Mechanics****Credit: 1**

This course is a calculus-based, college level physics course. It is especially appropriate for students planning to specialize or major in physical science or engineering. This course provides instruction in each of the following six content areas: kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation.

Grade: 11-12**Prerequisites: Calculus or concurrent enrollment in Calculus****Course Weight: 1.80****204030 AP Physics C: Electricity and Magnetism****Credit: 1**

This course is equivalent to two semesters of calculus-based, college level physics. The first semester is spent exploring topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. The second semester will explore topics such as electrostatics, conductors, capacitors, and dielectrics; electric circuits, magnetic fields, and electromagnetism. Introductory differential and integral calculus is used throughout the course.

Grade: 12**Prerequisites: Calculus or concurrent enrollment in Calculus****Course Weight: 1.80****204010 AP Physics II****Credit: 1**

This algebra-based Advanced Course is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics.

Grade: 12**Prerequisites: AP Physics I****Course weight: 1.80****203230 Earth and Space Science****Credit: 1**

This course is designed to build on students' knowledge and understanding of Earth's system in space and time. Students will use scientific inquiry to investigate the natural world and will participate in scientific decision making methods and ethical and social decisions that involve the application of scientific information.

Grade: 11-12**Prerequisite: Three units of science (one which may be taken concurrently) and three units of math (one which may be taken concurrently)****Course weight: 1.50****203120 Astronomy****Credit: 1**

In Astronomy, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem-solving. Students study the following topics: information about the universe; scientific theories of the evolution of the universe, characteristics and the life cycle of stars; exploration of the universe; role of the Sun in our solar system; planets; and the orientation and placement of the Earth. Night sky-viewing sessions and field experiences will be included in the course.

Grade: 11-12**Prerequisites: One unit of science****Course weight: 1.50****203150 AP Environmental Science****Credit: 1**

The goal of this course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

Grade: 11-12**Prerequisites: Biology I, Chemistry I and Algebra I****Course weight: 1.80**

203210 Environmental Systems**Credit: 1**

In this course, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include biotic and abiotic factors in habitats; ecosystems and biomes; interrelationships among resources and an environmental system; sources and flow of energy through an environmental system; the relationship between carrying capacity and changes in populations and ecosystems; and changes in environments.

Grade: 11-12**Prerequisites: Biology and Chemistry or IPC****Course weight: 1.50****373070 Anatomy and Physiology****Credit: 1**

In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Instruction will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. *This course must include at least 40% laboratory investigations and fieldwork using appropriate scientific inquiry.*

Grade: 10-12**Prerequisite: Biology I and one additional science credit****Course weight: 1.50****413080 Forensic Science – Honors****Credit: 1**

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

Grade: 11-12**Prerequisites: Biology I and Chemistry I****Course weight: 1.70****382060 Food Science****Credit: 1**

In this course, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. This Hospitality & Tourism course may be used to satisfy a science credit required for graduation.

Grade: 11-12**Prerequisite: Three units of science including Biology and Chemistry.****Course Weight: 1.50**

SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

Engineering Sequence of Courses

Grade Level	Course	Credits	Prerequisites
9	<i>Engineering Design and Presentation</i>	1	None
10	<i>Engineering Design and Problem Solving Biotechnology</i>	1 1	<i>Engineering Design and Presentation Biology</i>
11	<i>Engineering Mathematics</i>	1	<i>Algebra II</i>
12	<i>Practicum in STEM I</i>	2-3	<i>Engineering Design and Presentation</i>
	<i>Practicum in STEM I DC</i>	2-3	<i>Engineering Design and Presentation</i>

441050 Principles of Applied Engineering

Credit: 1

Principles of Applied Engineering provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields of engineering and will be able to make informed career decisions. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Grade: 9-10

Prerequisite: None

Course Weight: 1.50

441000 Engineering Design and Presentation

Credit: 1

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

Grade: 9-12

Prerequisite: Algebra I

Course weight: 1.50

442010 Engineering Design and Problem Solving

Credit: 1

Engineering design is the creative process of solving problems by identifying needs and then devising solutions. This solution may be a product, technique, structure, process, or many other things depending on the problem. This course is intended to stimulate students' ingenuity, intellectual talents, and practical skills in devising solutions to engineering design problems. Students use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions. At the same time, this course fosters awareness of the social and ethical implications of technological development.

Grade: 10-12

Prerequisite: Engineering Design and Presentation, Algebra I, Geometry

Course weight: 1.50

443100 Engineering Mathematics

Credit: 1

443020 Engineering Mathematics DC

Credit: 1

In this course, students solve and model robotic design problems. Students use a variety of mathematical methods and models to represent and analyze problems involving data acquisition, spatial applications, electrical measurement, manufacturing processes, materials engineering, mechanical drives, pneumatics, process control systems, quality control, and robotics with computer programming.

Grade: 10-12

Prerequisite: Algebra II

Course Weight: 1.50

Note: This course satisfies a high school mathematics graduation requirement.

442300 Digital Forensics**Credit: 1**

Digital forensics is an evolving discipline concerned with analyzing anomalous activity on computers, networks, programs, and data. As a discipline, it has grown with the emergence of a globally-connected digital society. As computing has become more sophisticated, so too have the abilities of malicious agents to access systems and private information. By evaluating prior incidents, digital forensics professionals have the ability to investigate and craft appropriate responses to disruptions to corporations, governments, and individuals. Whereas cybersecurity takes a proactive approach to information assurance to minimize harm, digital forensics takes a reactive approach to incident response.

Grade: 10-12**Prerequisite: None****Course Weight: 1.50****443030 AC/DC Electronics DC****Credit: 1 (high school)****CETT 1409 AC/DC Circuits****Credit: 4 hours (college)****ELPT 1321 Introduction to Electrical Safety & Tools****Credit: 3 hours (college)**

Students enrolled in this course will demonstrate knowledge and applications of circuits, electronic measurement, and electronic implementation. Through use of the design process, students will transfer academic skills to component designs in a project-based environment. Students will use a variety of computer hardware and software applications to complete assignments and projects. Additionally, students explore career opportunities, employer expectations, and educational needs in the electronics industry.

Grade: 11-12**Prerequisite: None****Course weight: Unweighted (off campus at Texarkana College)****444040 Solid State Electronics DC****Credit: 2 (high school)****ELPT 325 National Electric Code I****Credit: 3 hours (college)****DFTG 1329 Electro-Mechanical Drafting****Credit: 3 hours (college)**

Students enrolled in this course will demonstrate knowledge and applications of advanced circuits, electrical measurement, and electrical implementation used in the electronics and computer industries. Through use of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Additionally, students explore career opportunities, employer expectations, and educational needs in the electronics industry.

Grade: 12**Prerequisite: AC/DC Electronics****Course weight: Unweighted (off campus at Texarkana College)****444000 Practicum in STEM I****Credit: 2****444050 Practicum in STEM DC****Credit: 2**

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

Grade: 12**Prerequisite: Algebra I, Geometry, 1 credit from STEM Cluster****Course weight: 1.50****441110 Robotics I****Credit: 1**

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

Grade: 9-12**Prerequisite: None****Course weight: 1.50****443060 Principles of Technology****Credit: 1**

In this course, students will use a systems approach to investigate mechanical, fluid, electrical, and thermal systems. Students will solve problems, think critically, and make decisions related to technology while applying communication, science, and mathematics knowledge and skills to technological activities.

Grade: 10-12**Prerequisites: One unit of science and Algebra I****Course weight: 1.50****Note: This course satisfies a high school science graduation requirement.**

202000 Biotechnology**Credit: 1**

In this course, students will explore the emerging field of biotechnology, including engineering and bioinformatics. Students will analyze bacterial, plant, and animal cell structures and will understand the role of genetics in the biotechnology industry and will analyze the importance of DNA technology and genetic engineering. The student will examine federal, state, local, and industry regulations as related to biotechnology.

Grade: 11-12**Prerequisite: Biology****Course weight: 1.50****Note: This course satisfies a high school science graduation requirement.****443080 SRD: Biology II DC****Credit: 1 (high school)****BIOL 1308 & 1108 Concepts of Biology I/Biology for Non-Science Majors I****Credit: 4 hours (college)****BIOL 1309 & 1109 Concepts of Biology II/Biology for Non-Science Majors II****Credit: 4 hours (college)**

This course provides the opportunity for students to receive local high school credit and college credit at the same time. Students who enter these courses must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for four hours of college credit each semester. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. First semester consist of an integrated approach to cell and molecular biology with an emphasis on biological chemistry, cell structure and function, genetics, and evolutionary biology. Second semester will consist of an integrated survey of living organisms with an emphasis on ecology and the anatomical and physiological aspects of organism diversity, nutrition, circulation, gas exchange, and reproduction.

Grade: 11-12**Prerequisite: Biology I and Chemistry I****Course weight: 1.75****Note: This course may be used as a state science course.****443090 SRD: Chemistry II DC****Credit: 1 (high school)****CHEM 1311 & 1111 General Chemistry****Credit: 4 hours (college)**

This course provides the opportunity for students to receive local high school credit and college credit at the same time. Students who enter these courses must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for four hours of college credit each semester. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. During the first semester, the course content will include the fundamental principles of theoretical and applied chemistry, stoichiometry, atomic structure, periodic arrangement of elements, ionic and covalent bonding, gases, liquids, and solids. The second semester content will address acid-based theory, kinetics, equilibrium, thermochemistry, electrochemistry, nuclear chemistry, qualitative analysis, colloids, and the structures of organic molecules.

Grade: 11-12**Prerequisite: Chemistry I, Algebra II; college entrance requirements, MATH 1314****Course weight: 1.75****Note: This course may be used as a state science course.****441120 Digital Electronics****Credit: 1**

Digital Fundamentals is an entry level course in digital electronics covering number systems, including binary, base 10, digital codes, logic gates, and combinational logic. Students will be introduced to curriculum using Apple IOS. (Innovative Course)

Grade: 10-12**Prerequisites: Algebra I, Geometry****Course weight: 1.50****442200 Engineering Science****Credit: 1**

Engineering Science is an engineering course designed to expose students to some of the major concepts and technologies that they will encounter in a postsecondary program of study in any engineering domain. Students will have an opportunity to investigate engineering and high-tech careers. In Engineering Science, students will employ science, technology, engineering, and mathematical concepts in the solution of real-world challenge situations. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students will also learn how to document their work and communicate their solutions to their peers and members of the professional community.

Grade: 10-12**Prerequisites: Algebra and Biology****Course weight: 1.50****Note: This course satisfies a high school science graduation requirement.**

221010 Fundamentals of Computer Science**Credit: 1**

Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts.

Grade: 9-12**Prerequisite: None****Course weight: 1.50****221000 Computer Science I****Credit: 1**

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements plan search strategies and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.50****Note: This course satisfies the state graduation requirement for a course under Languages other than English.****401060 Computer Science I Python Programming DC****Credit: 1 (high school)****ITSC 1329 Programming Logic & Design****Credit: 3 hours (college)****ITSC 1391 Python****Credit: 3 hours (college)**

Computer Science I DC will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Students will gain an understanding of the principles of computer science through the study of Python programming. Students will receive both high school and college credit for this dual credit course.

Grade: 9-12**Prerequisite: Algebra I****Course Weight: 1.75****222000 Computer Science II****Credit: 1**

In this course, students will develop products and generate new understandings by extending existing knowledge. Students will collaborate with peers and will use software engineering to work in software design teams. Students will locate, analyze, process, and organize data while using critical thinking, problem solving, and decision making. Students will explore and understand safety, legal, cultural, and societal issues relating to the use of technology and information.

Grade: 10-12**Prerequisite: Computer Science I****Course Weight: 1.50****Note: This course satisfies the state graduation requirement for a course under Languages other than English.****223000 Computer Science III Honors****Credit: 1**

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course.

Grade: 11-12**Pre-requisite: Computer Science II****Course Weight: 1.70****Note: This course satisfies the state graduation requirement for a course under Languages other than English.**

177020 AP Computer Science Principles**Credit: 1**

This course will follow the content recommended by College Board to foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course.

Grade: 9-12**Pre-requisite: Algebra I****Course Weight: 1.80****Note: This course satisfies the state graduation requirement for a course under Languages other than English.****222100 Mobile Applications Development****Credit: 1**

This course will foster students' creativity and innovation by presenting opportunities to design, implement, and deliver meaningful projects using mobile computing devices. Students will collaborate with one another, their instructor, and various electronic communities to solve problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use software development concepts to access, analyze, and evaluate information needed to program mobile devices. By using software design knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of mobile application development through the study of development platforms, programming languages, and software design standards.

Grade: 10-12**Pre-requisite: Algebra I and Computer Science I or AP Computer Science Principles****Course Weight: 1.50**

SOCIAL STUDIES

211000 World Geography Studies

Credit: 1

In this course, students examine people, places, and environments at local, regional, national, and international scales. Students describe the influence of geography on events of the past and present. A significant portion of the course centers on the physical processes that shape patterns in the physical environment; the characteristics of major land forms, climate, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of world population; relationships among people, places, and environments; and the concept of region.

Grade: 9-12

Prerequisite: None

Course weight: 1.50

211010 Pre-AP World History and Geography

Credit: 1

This course will focus on the required course content for World Geography, numerous enrichment concepts, and the skills needed for students to succeed in Advanced Placement courses in the Social Studies. The Pre-AP Geography course will require outside reading, writing, and projects that will provide practice in document, map, graph, and chart analysis; critical reading; research; essay writing; and both guided and independent studies. In this official College Board Pre AP designated course, students will benefit from engaging, targeted course materials that help them master grade level content. Students will work closely with sources and data as they explore central historical questions.

Grade: 9-12

Prerequisite: None

Course weight: 1.70

213280 AP Human Geography

Credit: ½

The purpose of this course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students also learn about the methods and tools geographers use in their science and practice.

Grade: 10-12

Prerequisite: World Geography

Course weight: 1.80

212020 World History Studies

Credit: 1

World History offers an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. This course is designed to provide students with a vital understanding of the past in order to help them understand their own times. Attention is given to growth of ideas, the arts, religion, education, literature, and other aspects of intellectual and social history, as well as political, geographic, and economic history of world cultures. Students use the process of historical inquiry to research, interpret, and use multiple sources of evidence.

Grade: 9-12

Prerequisite: None

Course weight: 1.50

212030 World History Studies Honors

Credit: 1

In addition to the requirements listed in the World History course, students in World History Pre-AP will develop skills in critical reading, research, document evaluation, and essay writing. Class activities provide opportunities for explanation of topics through independent research and allow for creative expression of student learning. Outside reading and projects will be required. Both the state-adopted and college textbooks will serve as resources.

Grade 9-12

Prerequisite: None

Course weight: 1.70

Note: This class will only be offered for the 2021-2022 school year.

212290 AP World History**Credit: 1**

This course is a college-level survey of the history of the world from the Paleolithic Period to the present. Students will gain insight into the political, constitutional, economic, geographic, military, diplomatic, technological, artistic, and social events and issues, as well as the contributions of significant people groups, countries, and individuals. This course provides students with the analytical and evaluative skills and factual knowledge necessary to deal critically with the problems and issues in world history, using rich primary and secondary sources and historical works. This course will help students develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in both oral and essay format. A comprehensive college textbook is used for this course.

Grade 10-12**Prerequisite: None****Course weight: 1.80****213040 U.S. History Since 1877 (Reconstruction)****Credit: 1**

In this course, the second part of a two-year study of U.S. history that begins in Grade 8, students study the history of the United States from Reconstruction to the present through the use of reading, research, writing, and interpretation of maps, charts, graphs, and tables. Historical content focuses on political, economic, military, diplomatic, and social events and issues, including the contributions of significant groups and individuals to the history of this country, and the impact of geographic factors on major events. An important part of the content is the development and application of the principles of citizenship. Students will use critical thinking skills to explain and apply methods of interpreting the past, including points of view and historical context. They will use a variety of rich primary and secondary source material, such as biographies and autobiographies, Supreme Court cases, novels, speeches, letters, diaries, poetry, songs, artworks, photographs, documentaries, and films.

Grade: 11-12**Prerequisite: None****Course weight: 1.50****213060 U.S. History DC****Credit: 1 (high school)****HIST 1301 History of the United States****Credit: 3 hours (college)****HIST 1302 History of the United States****Credit: 3 hours (college)**

This course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for three hours of college credit each semester. College textbooks, selected by Texarkana College, will be provided by TISD. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. The course will be based on the same criteria as Advanced Placement U. S. History, including all reading, writing, and projects. In addition, students will be expected to participate in the life of the community as part of the historical experience.

Grade: 11-12**Prerequisite: None; college entrance requirements****Course weight: 1.75****213050 AP U.S. History****Credit: 1**

This course is a college-level survey of the history of the United States from the period of New World exploration to the present. Students will gain insight into the political, constitutional, economic, geographic, military, diplomatic, technological, artistic, and social events and issues, as well as the contributions of significant groups and individuals. This course provides students with the analytical and evaluative skills and factual knowledge necessary to deal critically with the problems and issues in United States history, using rich primary and secondary sources and historical works. Students will learn to assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance—and to weigh the evidence and the interpretations presented in historical scholarship. This course will help students develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in both oral and essay format. A comprehensive college textbook is used for this course.

Grade: 11-12**Prerequisites: None****Course weight: 1.80**

214200 AP European History**Credit: 1**

This course focuses on developing students' abilities to think conceptually about European history from approximately 1450 to the present. Students will apply historical thinking skills as they learn about the past. Five themes: interaction of Europe and the world, poverty and prosperity, objective knowledge and subjective visions, states and other institutions of power, and individual and society – provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places.

Grade: 11-12**Prerequisites: None****Course weight: 1.80****214070 US Government****Credit: ½**

This course focuses on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights, and they compare the U.S. system of government with other political systems.

Grade: 12**Prerequisite: None****Course weight: 1.50****214100 U.S. Government DC****Credit: ½ (high school)****GOVT 2305 Federal Government****Credit: 3 hours (college)**

This course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for three hours of college credit. College textbooks, selected by Texarkana College, will be provided by TISD. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. The course will be based on the same criteria as U.S. Government AP, including all reading, writing, and projects.

Grade: 12**Prerequisite: None; college entrance requirements****Course weight: 1.75****213360 Social Studies Advanced Studies: Texas Government DC****Credit: ½ (high school)****GOVT 2306 Texas Government****Credit: 3 hours (college)**

This course provides a study of the Texas Constitution and government, emphasizing political institutions including political parties, interest groups, the legislature, the governor, bureaucracy, judiciary, and local government.

Grade: 11-12**Prerequisite: None; college entrance requirements****Course weight: 1.75****214090 AP Government and Politics: United States****Credit: ½**

This second semester course will give students an analytical perspective on government and politics in the United States. It also includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples and requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students will become acquainted with a variety of theoretical perspectives and explanations for various behaviors and outcomes. The course will rely on a variety of primary and secondary source materials and will provide for interaction with the local, state, and national offices and institutions of government. Students will engage in community activities designed to promote active and effective citizenship at all levels. The content of the course will enable students to understand the importance of patriotism, to function in a free enterprise society, and to appreciate basic democratic values.

Grade: 12**Prerequisite: None****Course weight: 1.80****214080 AP Government and Politics: Comparative****Credit: ½**

This first semester college-level course will provide students with the conceptual tools necessary to develop an understanding of some of the world's diverse political structures and practices. The course will encompass the study of both specific countries and their governments and of the general concepts used to interpret the political relationships and institutions found in virtually all national politics.

Grade: 12**Prerequisite: None****Course weight: 1.80****Note: This course may be used to meet only elective course requirements for state graduation**

214110 Economics**Credit: ½**

This course is a comprehensive study of the American free enterprise economy. It includes the study of basic concepts of economics, the market system, the American business system, labor unions, money and banking, business cycles, consumer skills, the role of government in free enterprise, and comparative economic systems. Emphasis is placed upon economic decision-making and personal development strategies.

Grade: 12**Prerequisite: None****Course weight: 1.50****214320 Economics DC****Credit: ½ (high school)****ECON 2301 Principles of Economics I****Credit: 3 hours (college)**

This course is a comprehensive study of the American free enterprise economy. It includes the study of basic concepts of economics, the market system, the American business system, labor unions, money and banking, business cycles, consumer skills, the role of government in free enterprise, and comparative economic systems. Emphasis is placed upon economic decision-making and personal development strategies.

Grade: 12**Prerequisite: None; college entrance requirements****Course weight: 1.75****214120 AP Macroeconomics****Credit: ½**

The purpose of this first semester college-level course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price determination and also develops students' familiarity with economic performance measures, economic growth, and international economics.

Grade: 12**Prerequisite: None****Course weight: 1.80****214130 AP Microeconomics****Credit: ½**

The purpose of this second semester college-level course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision-makers, both consumer and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy.

Grade: 12**Prerequisite: None****Course weight: 1.80****214140 Psychology****Credit: ½**

In this course, students consider the development of the individual and the personality. The study of psychology is based on an historical framework and relies on effective collection and analysis of data. Students study topics such as theories of human development, personality, motivation, and learning. Students have an opportunity to evaluate methods of research and to explore subjects such as perception, cognition, and learning theory. They are also challenged to relate psychological concepts to their own lives and to develop self-awareness.

Grade: 10-12**Prerequisite: None****Course weight: 1.50****214150 Psychology DC****Credit: ½ (high school)****PSYC 2301 Introduction to Psychology****Credit: 3 hours (college)**

This course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for three hours of college credit. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. The course will include a study of the basic principles in psychology bearing on growth, motivation, learning, drives, emotions, and similar aspects of human behavior.

Grade: 10-12**Prerequisite: None; college entrance requirements****Course weight: 1.75**

214270 AP Psychology**Credit: ½**

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

Grade: 10-12**Prerequisite: None****Course weight: 1.80****214160 Sociology****Credit: ½**

This course focuses on the dynamics and models of individual and group relationships. Students study topics such as the history and systems of sociology, cultural and social norms, social institutions, and mass communication. Students are given opportunities to analyze groups in terms of membership roles, status, values, and socioeconomic stratification.

Grade: 10-12**Prerequisite: None****Course weight: 1.50****214170 Sociology DC****Credit: ½ (high school)****SOCI 1301 Principles of Sociology****Credit: 3 hours (college)**

This course provides the opportunity for students to receive both high school and college credit at the same time. Students who enter this course must meet the enrollment criteria of Texarkana College and must pay their tuition at TC for three hours of college credit. Grades will be recorded both at Texas High School and at Texarkana College and will appear on each institution's transcript. The course will serve as a general introduction into the behavior of individuals in social groups, particularly in the study of important phases of life. Culture, population, institutions, social control, the major social processes, and the analysis of the simpler relations of daily living will serve as the basis for illustrative material. *This course will be taught on the college campus.*

Grade: 10-12**Prerequisite: None; college entrance requirements****Course weight: 1.75****213340 Social Studies Advanced Studies: World Civilizations I DC****Credit: ½ (high school)****HIST 2321 World Civilizations I****Credit: 3 hours (college)**

This course is a survey of ancient and medieval history with emphasis on Asian, African, and European cultures.

Grade: 10-12**Prerequisite: None; college entrance requirements****Course weight: 1.75****213350 Social Studies Advanced Studies: World Civilizations II DC****Credit: ½ (high school)****HIST 2322 World Civilizations II****Credit: 3 hours (college)**

This course is the continuation of World Civilization I, a survey of ancient and medieval history with emphasis on Asian, African, and European cultures.

Grade: 10-12**Prerequisite: None; college entrance requirements****Course weight: 1.75****213300 Special Topics in Social Studies: Modern African American Studies****Credit: ½**

In this course, students will take an in-depth look at the historical experiences of African Americans during the 20th century. This class is designed to provide students with an opportunity to work with primary sources and utilize the expertise of guest speakers to gain a more detailed perspective of the origins and execution of such topics as the Harlem Renaissance, the Civil Rights Movement and the changing economic and social impacts of African Americans on the national culture and conscience. At the end of this class, students will be required to produce and present an individualized finished product.

Grade: 11-12**Prerequisite: None****Course weight: 1.50**

213310 Special Topics in Social Studies: Philosophy**Credit: ½**

This course will involve the study of critical thinking throughout history with an emphasis on the development of American intellectual thought. Students will discuss the concepts of logic and abstract thought, will analyze primary sources, and will present findings in written and oral forms. The course will include the analysis of writings and concepts of major philosophers, such as Plato, Socrates, Kant, Marx, Nietzsche, Aquinas, Bacon, Locke, Hobbes, Hegel, and Sartre.

Grade: 11-12**Prerequisite: None****Course weight: 1.50****213330 Special Topics in Social Studies: World History in Film****Credit: ½**

This course is a study of world history through the use of the medium of film. Students will analyze social and cultural history through an examination of the visual representation of the past in film. Students will investigate key historical issues such as authenticity, dramatization, point of view, propaganda, and biography. Students will use critical thinking skills to locate, organize, analyze, and use data collected from a variety of sources. Problem solving and decision making are important elements of the course as is the communication of information in written, oral, and visual forms.

Grade: 11-12**Prerequisite: None****Course weight: 1.50****213320 Special Topics in Social Studies: World War II****Credit: ½**

This course will focus on the military leaders, the battles, and the equipment of World War II. Students will use critical thinking skills to locate, organize, analyze, and use data collected from a variety of sources. Problem solving and decision making are important elements of the course as is the communication of information in written, oral, and visual forms.

Grade: 11-12**Prerequisite: None****Course weight: 1.50****213000 Special Topics in Social Studies: Contemporary Issues****Credit: ½**

This course, an introduction to contemporary problems facing our nation, will provide students with the opportunity to scrutinize contemporary issues on the local, county, state, national, and international levels. In doing so, students will examine economic, religious, social, political, and military events. In addition to focusing on current events, students will conduct in-depth research to determine the historical causes for current situations.

Grade: 11-12**Prerequisite: None****Course weight: 1.50****213010 Special Topics in Social Studies: The Cold War****Credit: ½**

This course will explore the Cold War as an international phenomenon, the military and diplomatic history of the period, and the social and cultural impact of the confrontation between capitalism and communism. Students will explore the origins of the conflict, the formation of opposing blocs, the interplay between periods of tension and détente, and the relationship between the center of the conflict in the North Atlantic/European area and the global periphery, as well as the remarkable way the Cold War ended.

Grade: 11-12**Prerequisite: None****Course weight: 1.50****213020 Special Topics in Social Studies: American Outlaws****Credit: ½**

This course provides an intricate look into the most notorious people in America. This class explores how these people became famous (or infamous) and how the myth or legend of these people compares to historical accuracy. Topics include Billy the Kid, the Jesse James Gang, Doc Holliday, Wyatt Earp, Bonnie and Clyde, John Dillinger, Al Capone, Baby Face Nelson, and others. This class also will examine the legacy of organized crime such as the Italian Mafia and other similar organizations.

Grade: 11-12**Prerequisite: None****Course weight: 1.50**

214010 Social Studies Research Methods I

Credit: ½

Students will conduct advanced research on a selected topic in social studies using qualitative and/or quantitative methods of inquiry. The student will apply a process approach to the research topic, applying the ideas, theories, and modes of inquiry drawn from the social sciences in the examination of persistent issues and social questions. The student will create a written and oral presentation of research and conclusions.

Grade: 11-12

Prerequisite: None

Course Weight: 1.50

214020 Social Studies Research Methods II

Credit: ½

This course offers students a second opportunity to conduct advanced research in social studies. Students may extend research that was completed in the level I course, or they may choose a second topic for their inquiry.

Grade: 11-12

Prerequisite: *Social Studies Research Methods I*

Course Weight: 1.50

TRANSPORTATION, DISTRIBUTION & LOGISTICS

451000 Principles of Transportation Systems

Credit: 1

In this course, students gain knowledge and skills in the safe application, design, production, and assessment of products, services, and systems. This knowledge includes the history, laws and regulations, and common practices used in the logistics of warehousing and transportation systems. Students should apply knowledge and skills in the application, design, and production of technology as it relates to the transportation, distribution, and logistics industries. This course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

Grade: 9-12

Prerequisite: None

Course weight: 1.50

451080 Energy and Power of Transportation Systems

Credit: 1

The businesses and industries of the Transportation, Distribution, and Logistics cluster are rapidly expanding to provide new career opportunities. Students will need to understand the interaction between various vehicle systems, the logistics used to move goods and services to consumers, and the components of transportation infrastructure. Performance requirements will include academic and technical skills. Students prepared to meet the expectations of employers in this industry must be able to interact and relate to others and understand the technologies used in order to provide products and services in a timely manner. The increasing demand for employees will provide growth potential.

Grade: 10-12

Prerequisite: None

Course weight: 1.50

452060 Small Engine Technology I

Credit: 1

This course is designed to provide training for entry-level employment in the small engine technology industry. Engine Technology includes knowledge of the function, diagnosis, and service of the systems and components of all types of small engines such as lawn mowers, motorcycle, and irrigation engines. Instruction includes the repair and service of cooling, air, fuel, lubricating, electrical, ignition, and mechanical systems and small engine overhauls. In addition, students will receive instruction in safety, academic, and leadership skills as well as career opportunities.

Grade: 9-12

Prerequisite: None

Course weight: 1.50

453070 Management of Transportation Systems

Credit: 1

In Transportation Systems Management, students gain knowledge and skills in material handling and distribution and proper application, design, and production of technology as it relates to the transportation, distribution, and logistics industries. This course includes the safe operation of tractor-trailers, fork lifts, and related heavy equipment. The course allows students to reinforce, apply, and transfer their academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings.

Grade: 10-12

Prerequisite: None

Course weight: 1.50

453010 Automotive Technology I: Maintenance and Light Repair DC

Credit: 2 (high school)

AUMT 1405 Introduction to Automotive Technology

Credit: 4 hours (college)

AUMT 1312 Basic Automotive Service

Credit: 3 hours (college)

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In this course, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices. This course is taught on the Texarkana College campus.

Grade: 11-12

Prerequisite: None

Course weight: Unweighted (off campus at Texarkana College)

454020 Automotive Technology II: Automotive Service DC

Credit: 2 (high school)

AUMT 1257 Automotive Brake Systems Theory

Credit: 2 hours (college)

AUMT 1310 Automotive Brake Systems

Credit: 3 hours (college)

AUMT 1307 Electrical Systems

Credit: 3 hours (college)

Automotive services include advanced knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In this course, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices. This course is taught on the Texarkana College campus.

Grade: 12

Prerequisite: Automotive Technology I DC

Course weight: Unweighted (off campus at Texarkana College)

453100 Collision Repair DC

Credit: 2 (high school)

ABDR 1307 Collision Repair Welding

Credit: 3 hours (college)

ABDR 1203 Vehicle Design and Structural Analysis

Credit: 2 hours (college)

Collision repair and refinishing services include knowledge of the processes, technologies, and materials used in the reconstruction and alteration of vehicles. This course is designed to teach the concepts and theory of systems related to automotive collision repair and refinishing. This course is taught on the Texarkana College campus.

Grade: 11-12

Prerequisite: None

Course weight: Unweighted (off campus at Texarkana College)

454110 Paint and Refinishing DC

Credit: 2 (high school)

ABDR 1201 Auto Body Repair & Repainting

Credit: 2 hours (college)

ABDR 1411 Vehicle Measurement and Damage Repair Procedures

Credit: 4 hours (college)

Collision repair and refinishing services include advanced knowledge of the processes, technologies, and materials used in the reconstruction and alteration of vehicles. This course is designed to teach the application of advanced technical skills and practices related to collision repair and refinishing. This course is taught on the Texarkana College campus.

Grade: 12

Prerequisite: Collision Repair DC

Course weight: Unweighted (off campus at Texarkana College)

452030 Aircraft Airframe Technology I

Credit: 2

453040 Aircraft Power Plant Technology II

Credit: 2

454050 Practicum in Transportation Systems

Credit: 2

These courses provide job-specific training for entry-level employment in the highly technical career field of aircraft mechanics. First-year instruction includes aircraft electrical and electronic systems, service and repair of hydraulic systems, engines, airframes, and rigging. Articulation and/or concurrent enrollment credit is offered for second semester. Second-year instruction enhances job-specific training for employment as an aircraft mechanic. Third-year advanced instruction is designed to prepare students to take the Federal Aviation Administration (FAA) examinations required in becoming a licensed aircraft mechanic. Instruction encourages the development of high standards of craftsmanship and pride in workmanship. Specific modules in power plant and/or airframe (as prescribed by the FAA) are tested through written, oral, and practical examinations. Both second and third year courses are offered for concurrent enrollment credit. These courses are taught at the Texarkana Regional Airport.

Grade: 10-12

Aircraft Airframe Technology I Prerequisite: None; college entrance requirements

Aircraft Power Plant Technology Prerequisite: Aircraft Airframe Technology I

Practicum in Transportation Systems Prerequisite: Aircraft Power Plant Technology

Course weight: 1.50

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