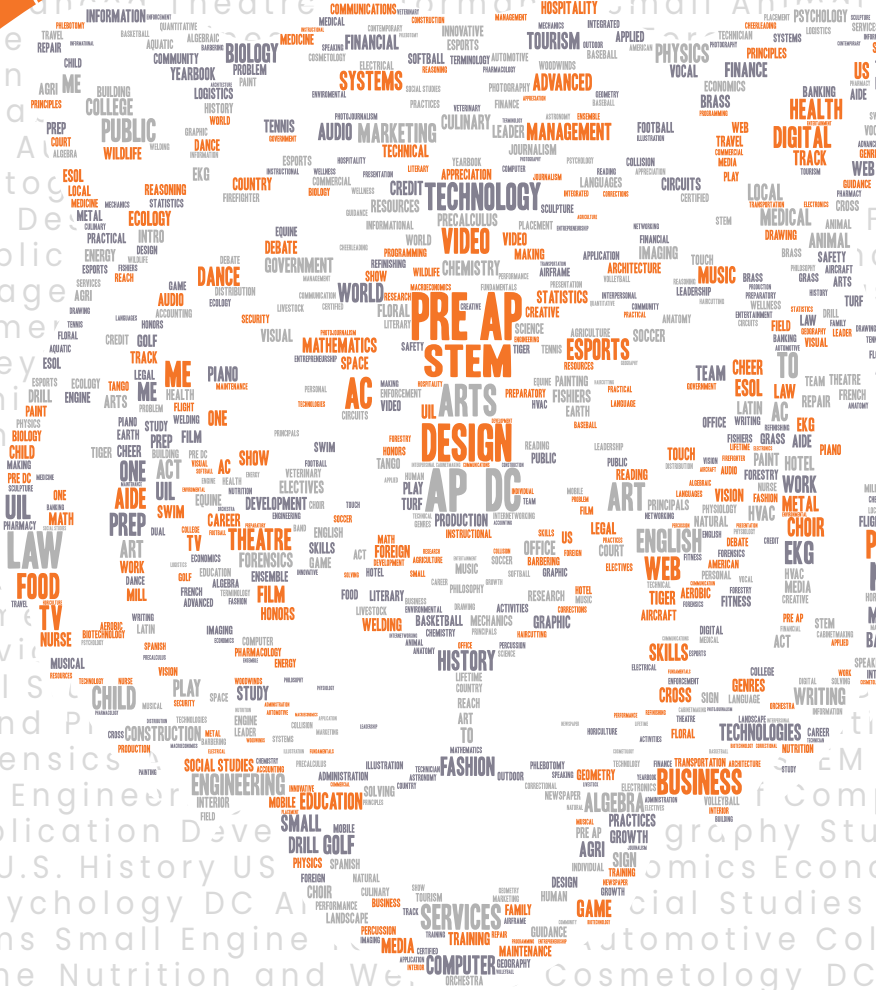
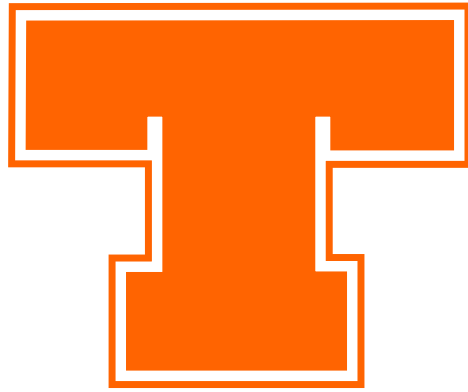


TEXAS HIGH SCHOOL



2023-2024

PROGRAM of STUDIES & COURSE DESCRIPTION GUIDE



TEXARKANA ISD

TEXAS HIGH SCHOOL

**Program of Studies
and Course Description Guide
2023-2024**

TABLE OF CONTENTS

Introduction	1
Making a Career Connection	2-3
Programs of Study by Career Cluster	4
Industry Based Certifications by Career Cluster	5
Agriculture, Food & Natural Resources	6-9
Architecture & Construction	10-13
Arts, AV Technology & Communications	14-15
Business, Marketing & Finance.....	16-19
Education & Training.....	20-21
Health Science.....	22-25
Hospitality & Tourism.....	26
Human Services	27-29
Information Technology	30-31
Law & Public Service	32-34
Manufacturing.....	35-36
Science, Technology, Engineering & Mathematics.....	37-40
Transportation, Distribution & Logistics.....	41-42
Degree Planning	
Associate Degree in General Studies	43
Degree Plan	
Requirements.....	44-49
Four Year Plan.....	50
Pathways to Earn Endorsements	51
Freshman Course Selection Sheet	52-53
Sophomore Course Selection Sheet.....	54-56
Junior Course Selection Sheet.....	57-60
Senior Course Selection Sheet.....	61-64
Enrichment Choice Sheet	65
Academic Information	
Earning College Credit in High School	66
Advanced Placement Program	67-68
Pre-AP Program by College Board	68
Dual Credit Program	69-75
Nondiscrimination Policy	75
Alternative Methods for Earning Credit	76
Independent Research.....	77
Retaking Courses	78
Physical Education Graduation Requirement	78
Textbooks.....	78
Gifted/Talented Program.....	78
Special Education	78
Section 504 Services	79
Limited English Proficiency	79
Dyslexia Program	79
Texas Grant Program	79
Automatic Admission to Texas Public Universities.....	79
Ross Perot STEM Academy	80
Pathways in Technology Early College High School.....	80
NCAA Core Course Requirements	80
Naviance College & Career Readiness Package	81
Grade Level Classification	81
Cum Laude System.....	81
Clas Rank.....	81
State Testing Requirements	82
Reading List of Major Literary Selections – English Language Arts.....	83
Literature Circle Book List	84
101 Great Books Recommended for College-Bound Readers.....	85

Course Descriptions

Agriculture, Food & Natural Resources	86-89
Architecture & Construction	90-93
Arts, A/V Technology & Communications.....	94-99
Business, Marketing & Finance.....	100-103
Education & Training.....	104-105
Electives – Innovative and Local.....	106-109
English Language Arts	110-114
Fine Arts.....	116-122
Government & Public Administration	123
Health Education.....	124
Health Science.....	125-127
Hospitality & Tourism.....	128-129
Human Services.....	130-132
Information Technology	133-135
Languages Other Than English	136-139
Law & Public Safety	140-141
Manufacturing	142
Mathematics.....	143-148
Physical Education	149-151
Science	152-156
Science, Technology, Engineering & Mathematics.....	157-160
Social Studies	161-166
Transportation, Distribution & Logistics.....	167-168
Index to Courses	169-172

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 2023-2024 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 22.** 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, a culturally diverse and premier learning community, is to develop and empower every individual by providing innovative and varied opportunities to lead and excel in a global society through strong family, community, and staff partnerships.

Texas High School Motto:

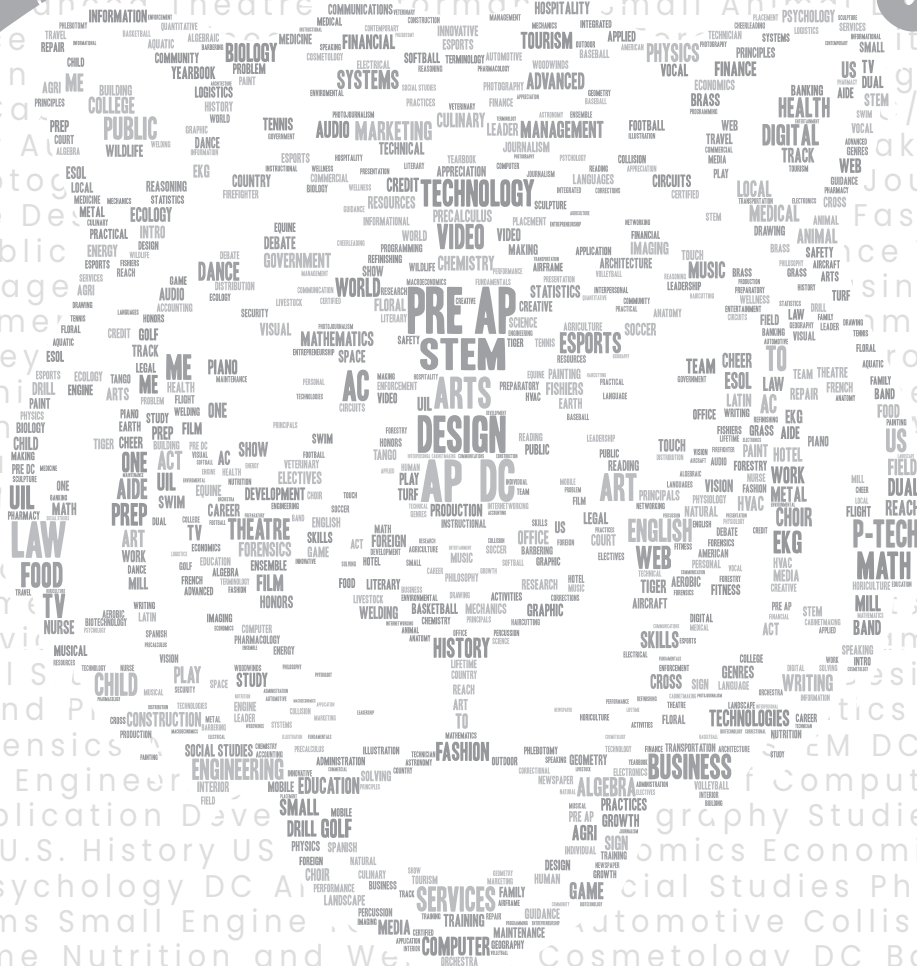
"Tomorrow's future at work today"

Texas High School Mission Statement:

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

Texas High School
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www.txkisd.net

TEXAS HIGH SCHOOL



2023-2024

PROGRAM of STUDIES & COURSE DESCRIPTION GUIDE

uture Food Natural Resources Wildlife Fishers Ecology Horticulture Science
e Design Floral Design Mechanics Metal Technologies Architecture Constr
echnology Visual Arts Business Education English Dance Music Theatre Health
Government Hospitality Human Services Informational Technologies Foreign
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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 552 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 2023-24 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

The mission of TISD's Career and Technical Education (CTE) program is to provide all students a seamless education through real-world, standards-based instruction culminating in essential life-skills, industry-based certifications, and meaningful employment or postsecondary education in order to achieve economic self-sufficiency.

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

❖ Agriculture, Food, & Natural Resources



- Animal Science
- Applied Agricultural Engineering
- Environmental & Natural Resources
- Plant Science

❖ Architecture & Construction



- Architectural Design
- Carpentry
- Electrical
- HVAC & Sheet Metal

❖ Arts, Audio Visual Technology, & Communications



- Digital Communications
- Graphic Design & Multimedia Arts

❖ Business, Marketing, & Finance



- Accounting & Financial Services
- Business Management
- Entrepreneurship
- Marketing & Sales

❖ Education & Training



- Early Learning
- Teaching & Training

❖ Health Science



- Exercise Science & Wellness
- Healthcare Diagnostics
- Healthcare Therapeutics
- Nursing Science

❖ Hospitality & Tourism



- Culinary Arts

❖ Human Services



- Cosmetology & Personal Care Services
- Family & Community Services
- Health & Wellness

❖ Information Technology



- Networking Systems
- Web Development

❖ Law & Public Service



- Emergency Services
- Law Enforcement
- Legal Studies

❖ Manufacturing



- Advanced Manufacturing & Machinery Mechanics
- Welding

❖ Science, Technology, Engineering, & Math



- Cybersecurity
- Engineering
- Programming & Software Development
- Renewable Energy

❖ Transportation, Distribution, & Logistics



- Automotive
- Aviation Maintenance

Industry-Based Certifications by Career Cluster

❖ Agriculture, Food, & Natural Resources



- BASF Plant Science Certification
- Certified Veterinary Assistant, Level I
- Commercial/Non-Commercial Pesticide Applicator
- Elanco Fundamentals of Animal Science Certification
- Elanco Veterinary Medical Applications Certification
- Equine Management & Evaluation Certification
- Texas State Florist's Association Knowledge Based Floral Certification
- Texas State Florist's Association Level I Floral Certification
- Texas State Florist's Association Level II Floral Certification
- Water Operators, Class D

❖ Architecture & Construction



- Autodesk Associate (Certified User) AutoCAD
- Autodesk Associate (Certified User) Revit Architecture
- HVAC EPA 608**
- NCCER Carpentry Level I
- NCCER Core

❖ Arts, Audio Visual Technology, & Communications



- Adobe Certified Professional in Digital Video Using Adobe Premier Pro
- Adobe Certified Professional in Graphic Design & Illustration Using Adobe Illustrator
- Adobe Certified Professional in Print & Digital Media Publication Using Adobe InDesign
- Adobe Certified Professional in Visual Design Using Adobe Photoshop
- Apple Final Cut Pro X**

❖ Business, Marketing, & Finance



- Accounting - Basic
- Entrepreneurship & Small Business
- Google Analytics Individual Qualification*
- Microsoft Office Specialist - Excel*
- Microsoft Office Specialist - Word*
- Specialist: Microsoft Excel Expert (Excel & Excel 2019)
- Specialist: Microsoft Word Expert (Word & Word 2019)
- Stukent Social Media Marketing Certification

❖ Education & Training



- Educational Aide I

❖ Health Science



- Certified EKG Technician
- Certified Nurse Aide (CNA)
- Certified Personal Trainer
- First Aide, CPR, & AED**
- Insurance & Coding Specialist
- Limited Medical Radiologic Technologist
- Medical Assistant
- Pharmacy Technician
- Phlebotomy Technician

❖ Hospitality & Tourism



- Managefirst: Hospitality Human Resources Management**
- ServSafe Food Handler**
- ServSafe Manager

❖ Human Services



- Child Development Associate (CDA)

❖ Information Technology



- CompTIA A+ Certification
- CompTIA Fundamentals+

❖ Law & Public Service



- Non-Commissioned Security Officer Level II

❖ Manufacturing



- AWS Sense Level I: Entry Welder
- C-101 Certified Industry 4.0 Associate - Basic Operations
- NCCER Welding Level I

❖ Science, Technology, Engineering, & Math



- Certified Entry-Level Python Programmer (PCEP)
- Certified Professional Programmer
- Cybersecurity Fundamentals
- Engineering Technology Foundations
- Oracle Certified Associate Java SE 8 Programmer
- Pre-Engineering/Engineering Technology -Job Ready

❖ Transportation, Distribution, & Logistics



- ASE Entry-Level Automobile Brakes (BR)
- ASE Entry-Level Automobile Maintenance & Light Repair (MR)
- Forklift Operator**
- OSHA 10**
- OSHA 30 Hour General*

Agriculture, Food, and Natural Resources Career Cluster

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

Animal Science Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

- Principles of Agriculture, Food, and Natural Resources

Level 2

- Small Animal Management (DC)
- Equine Science (DC)

Level 3

- Livestock Production (DC)

Level 4

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

Postsecondary Opportunities

Associates Degrees

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

Bachelor's Degrees

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

Master's, Doctoral, and Professional Degrees

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

Work-Based Learning and Expanded Learning Opportunities

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

Industry-Based Certifications

- Certified Veterinary Assistant, Level 1
- Elanco Fundamentals of Animal Science Certification
- Elanco Veterinary Medical Applications Certification
- Equine Management & Evaluation Certification



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Animal Breeders	\$39,139	28	9%
Animal Scientists	\$57,533	22	12%
Medical Scientists	\$63,898	435	27%
Veterinarians	\$93,496	294	24%
Zoologists and Wildlife Biologists	\$67,309	45	32%

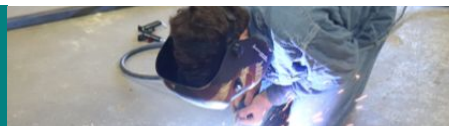
Successful completion of the Animal Science program of study will fulfill requirements of a Business and Industry endorsement or STEM endorsement if the math and science requirements are met. Revised – August 2022



Agriculture, Food, and Natural Resources Career Cluster

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.

Applied Agricultural Engineering Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

- Principles of Agriculture, Food, and Natural Resources

Level 2

- Agricultural Mechanics and Metal Technologies

Level 3

- Agricultural Structures Design and Fabrications
- Agricultural Power Systems

Level 4

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

Postsecondary Opportunities

Associates Degrees

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

Bachelor's Degrees

- Agricultural Engineering
- Agricultural Mechanization, General

Master's, Doctoral, and Professional Degrees

- Agricultural Engineering
- Agricultural Mechanization, General

Work-Based Learning and Expanded Learning Opportunities

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

Industry-Based Certifications

- AWS SENSE Level 1: Entry Welder
- NCCER Welding Level I

- OSHA 10**
- OSHA General 30*

*IBC sunseting 8/31/24

**District IBC ONLY

Aligned Occupations

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

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



Agriculture, Food, and Natural Resources Career Cluster

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

Environmental & Natural Resources Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Agriculture, Food, and Natural Resources

Level 2

- Wildlife, Fisheries, and Ecology Management
- Forestry and Woodland Ecosystems

Level 3

- Range Ecology Management

Level 4

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

Postsecondary Opportunities

Associates Degrees

- Environmental Science
- Environmental Studies
- Wildlife, Fish, and Woodlands Science and Management
- Environmental Engineering Technology/ Environmental Technology

Bachelor's Degrees

- Environmental Science
- Environmental/ Environmental Health Engineering
- Wildlife, Fish, and Woodlands Science and Management
- Natural Resources Law Enforcement and Protective Services

Master's, Doctoral, and Professional Degree

- Environmental Science
- Environmental/ Environmental Health Engineering
- Wildlife, Fish, and Woodlands Science and Management
- Fishing and Fisheries Science and Management

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Attend summer leadership events Participate in Texas FFA 	<ul style="list-style-type: none"> Intern at a waste treatment plant Participate in an FFA supervised agricultural experience

Industry-Based Certifications

- Water Operators, Class D



Aligned Occupations

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%

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



Agriculture, Food, and Natural Resources Career Cluster

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

Plant Science Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

- Principles of Agriculture, Food, and Natural Resources

Level 2

- Landscape Design and Management
- Turf Grass Management

Level 3

- Floral Design
- Horticultural Science

Level 4

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

Postsecondary Opportunities

Associates Degrees

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

Bachelor's Degrees

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

Master's, Doctoral, and Professional Degrees

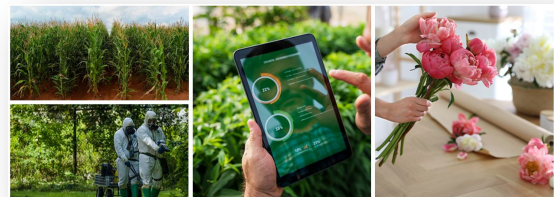
- Applied Horticulture/ Horticulture Operations, General
- Agronomy and Crop Science
- Agricultural Business and Management, General
- Farm/Farm and Ranch Management

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in Texas FFA 	<ul style="list-style-type: none"> Work at a florist or landscaper business Participate in an FFA supervised agricultural experience

Industry-Based Certifications

- BASF Plant Science Certification
- Commercial/Non-Commercial Pesticide Applicator
- Texas State Florist's Association Knowledge Based Floral Certification
- Texas State Florist's Association Level I Floral Certification
- Texas State Florist's Association Level II Floral Certification



Aligned Occupations

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

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



Architecture and Construction Career Cluster

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

Architectural Design Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Architecture

Level 2

- Architectural Design I
- Interior Design I

Level 3

- Architectural Design II
- Interior Design II

Level 4

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

Postsecondary Opportunities

Associates Degrees

- Architecture
- Interior Design
- Civil Engineering, General
- Geographic Information Science and Cartography

Bachelor's Degrees

- Architecture
- Interior Design
- Civil Engineering, General
- Geographic Information Science and Cartography

Master's, Doctoral, and Professional Degrees

- Architecture
- Interior Architecture
- Civil Engineering, General
- Geographic Information Science and Cartography

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Shadow an architect, interior designer or civil engineer Participate in SkillsUSA 	<ul style="list-style-type: none"> Intern at an architectural firm

Industry-Based Certifications

- Autodesk Associate (Certified User) AutoCAD
- Autodesk Associate (Certified User) Revit Architecture

Aligned Occupations

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%

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 – August 2022



Architecture and Construction Career Cluster

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

Carpentry Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

- Principles of Construction (DC)
- Principles of Architecture

Level 2

- Construction Technology I (DC)

Level 3

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

Level 4

- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Carpentry/Carpenter
- Industrial Mechanics and Maintenance Technology

Bachelor's Degrees

- Construction Science

Master's, Doctoral, and Professional Degrees

- Construction Management

Work-Based Learning and Expanded Learning Opportunities

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

Industry-Based Certifications

- NCCER Carpentry Level I
- NCCER Core

- Forklift Operator**
- OSHA 10**
- OSHA 30 Hour General*

*IBC sunsetting 8/31/24

**District IBC ONLY



Aligned Occupations

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

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



Architecture and Construction Career Cluster

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

Electrical Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Construction (DC)

Level 2

- Electrical Technology I (DC)

Level 3

- Electrical Technology II

Level 4

- Practicum in Entrepreneurship
- Career Preparation I (DC)

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Shadow an electrician or fiber optics line installer Participate in SkillsUSA 	<ul style="list-style-type: none"> Intern or shadow an electrician

Postsecondary Opportunities

Associates Degrees

- Electrician
- Communications Systems Installation and Repair Technology

Bachelor's Degrees

- Construction Science

Master's, Doctoral, and Professional Degrees

- Construction Management

Industry-Based Certifications

- NCCER Core

- OSHA 10**
- OSHA 30 Hour General*

*IBC sunsetting 8/31/24

**District IBC ONLY

Aligned Occupations

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%

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 – August 2022



Architecture and Construction Career Cluster

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

HVAC & Sheet Metal Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Construction (DC)

Level 2

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

Level 3

-

Level 4

- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Business Administration and Management, General
- Mechanical Engineering
- Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/ Technician
- Business/ Commerce, General

Bachelor's Degrees

- Business Administration and Management
- Mechanical Engineering
- Construction Engineering Technology/ Technician
- Business/ Commerce, General

Master's, Doctoral, and Professional Degrees

- Business Administration and Management
- Mechanical Engineering
- Construction Engineering
- Business/Commerce, General

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Shadow an HVAC worker or cost estimator Participate in SkillsUSA 	<ul style="list-style-type: none"> Intern with an HVAC and/or sheet metal company

Industry-Based Certifications

- NCCER Core

- Forklift Operator**
- HVAC EPA 608**
- OSHA 10**
- OSHA 30 Hour General*

*IBC sunsetting 8/31/24

**District IBC ONLY



Aligned Occupations

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%

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



Arts, Audio/Video Technology, and Communications Career Cluster

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

Digital Communications Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Arts, Audio/Video Technology, and Communications
- Professional Communications
- Web Communications

Level 2

- Audio/Video Production I (DC)

Level 3

- Audio/Video Production II (DC)

Level 4

- Practicum of Audio/Video Production (DC)
- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Recording Arts Technology/Technician
- Cinematography and Film/Video Production
- Radio and Television Broadcasting Technology/Technician
- Music Technology

Bachelor's Degrees

- Recording Arts Technology/Technician
- Cinematography and Film/Video Production
- Radio and Television
- Agricultural Communication/Journalism

Master's, Doctoral, and Professional Degrees

- Communications Technology/Technician
- Cinematography and Film/Video Production
- Radio and Television
- Agricultural Communication/Journalism

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Shadow a production team • Participate in SkillsUSA or TSA 	<ul style="list-style-type: none"> • Intern at a local television station or video production company • Work with a local company on a project

Industry-Based Certifications

- Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign
- Adobe Certified Professional in Visual Design Using Adobe Photoshop

- Apple Final Cut Pro X**

**District IBC ONLY



Aligned Occupations

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%

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



Arts, Audio/Video Technology, and Communications Career Cluster

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

Graphic Design & Multimedia Arts Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

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

Level 2

- Graphic Design and Illustration I (DC)
- Video Game Programming
- Commercial Photography I
- Fashion Design I
- Digital Design and Media Productions (DC)

Level 3

- Graphic Design and Illustration II (DC)
- Commercial Photography II (DC)
- Fashion Design II

Level 4

- Practicum in Graphic Design and Illustration
- Practicum in Commercial Photography (DC)
- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

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

Bachelor's Degrees

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

Master's, Doctoral, and Professional Degrees

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

Work-Based Learning and Expanded Learning Opportunities

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

Industry-Based Certifications

- Adobe Certified Professional in Digital Video Using Adobe Premiere Pro
- Adobe Certified Professional in Graphic Design and Illustration Using Adobe Illustrator
- Adobe Certified Professional in Print and Digital Media Publication Using Adobe InDesign
- Adobe Certified Professional in Visual Design Using Adobe Photoshop

- Apple Final Cut Pro X**

**District IBC ONLY

Aligned Occupations

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

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



Business, Marketing, and Finance Career Cluster

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

Accounting & Financial Services Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Business, Marketing, and Finance
- Business Information Management I (DC)

Level 2

- Accounting I (DC)
- Banking and Financial Services
- Financial Mathematics

Level 3

- Accounting II (DC)

Level 4

- Practicum in Entrepreneurship
- Career Preparation I

Postsecondary Opportunities

Associates Degrees

- Real Estate
- Financial, General
- Financial Planning and Services
- Certified Income Specialist

Bachelor's Degrees

- Accounting
- Financial, General
- Financial Planning and Services
- Certified Income Specialist

Master's, Doctoral, and Professional Degrees

- Financial Accounting
- Business Administration
- Financial Planning

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in Business Professionals of America, Future Business Leaders of America, or DECA 	<ul style="list-style-type: none"> • Intern with a local accounting firm • Earn Microsoft Office certifications

Industry-Based Certifications

- Accounting - Basic
- Specialist: Microsoft Excel Expert (Excel and Excel 2019)

- Microsoft Office Specialist-Excel*

*IBC sunseting 8/31/24

Aligned Occupations

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%

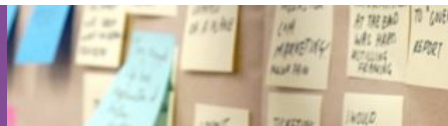
Successful completion of the Accounting and Financial Services program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022



Business, Marketing, and Finance Career Cluster

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

Business Management Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Business, Marketing, and Finance
- Business Information Management I (DC)

Level 2

- Business Information Management II

Level 3

- Business Management

Level 4

- Statistics and Business Decision Making (DC)
- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Business Administration
- Business/Commerce
- Public Administration
- Business Management

Bachelor's Degrees

- Business Administration
- Business/Commerce
- Public Administration
- Management Science

Master's, Doctoral, and Professional Degrees

- Business Administration
- Business Management
- Public Administration
- Management Science

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in Business Professional of America, Future Business Leaders of America, or DECA 	<ul style="list-style-type: none"> Intern with a local business or chamber of commerce

Industry-Based Certifications

- Entrepreneurship and Small Business
- Specialist: Microsoft Excel Expert (Excel and Excel 2019)
- Specialist: Microsoft Word Expert (Word and Word 2019)

- Microsoft Office Specialist-Excel*
- Microsoft Office Specialist-Word*

*IBC sunseting 8/31/24

Aligned Occupations

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%
Supervisors of Administrative Support Works	\$57,616	14,982	20%

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



Business, Marketing, and Finance Career Cluster

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

Entrepreneurship Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Business, Marketing, and Finance
- Business Information Management I (DC)

Level 2

- Entrepreneurship

Level 3

- –

Level 4

- Practicum in Marketing (DC)
- Practicum in Entrepreneurship
- Project-Based Research
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Business Administration and Management
- Business/Commerce
- Public Administration
- Business Management

Bachelor's Degrees

- Business Administration and Management
- Business/Commerce
- Public Administration
- Management Science

Master's, Doctoral, and Professional Degrees

- Business Administration and Management
- Business/Commerce
- Public Administration
- Management Science

Work-Based Learning and Expanded-Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in Business Professionals of America, Future Leaders of America, or DECA 	<ul style="list-style-type: none"> • Intern with a local management consulting firm

Industry-Based Certifications

- Entrepreneurship and Small Business



Aligned Occupations

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%

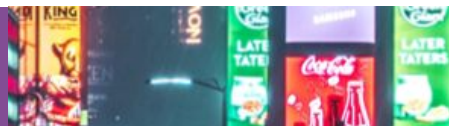
Successful completion of the Entrepreneurship program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022



Business, Marketing, and Finance Career Cluster

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

Marketing & Sales Statewide Program of Study



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.

Secondary Courses for High School Credit

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

- Practicum in Marketing (DC)
- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Marketing/ Marketing Management, General
- Consumer Merchandising/ Retailing Management
- International Marketing
- Business

Bachelor's Degrees

- Marketing/ Marketing Management, General
- Business Administration
- Applied Economics
- Marketing Research

Master's, Doctoral, and Professional Degrees

- Marketing
- Business Administration
- Applied Economics
- Advertising

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in Business Professionals of America, Future Business Leaders of America, or DECA 	<ul style="list-style-type: none"> Intern with a local marketing firm Shadow a real estate agent Operate a school store on campus

Industry-Based Certifications

- Entrepreneurship and Small Business
- Student Social Media Marketing Certification

- Google Analytics Individual Qualification*

*IBC sunsetting 8/31/24



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Marketing Research Analysts and Marketing Specialists	\$70,346	4,664	40%
Insurance Sales Agent	\$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%

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



Education and Training Career Cluster

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

Early Learning Statewide Program of Study



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.

Secondary Courses for High School Credit

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 (DC)

Level 4

- Project Based Research
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Early Childhood Education and Teaching
- Multicultural Early Childhood Development
- Kindergarten/Preschool Education and Training
- Psychology/Sociology

Bachelor's Degrees

- Early Childhood Education and Teaching
- Multicultural Early Childhood Development
- Early Childhood
- Psychology/Sociology

Master's, Doctoral, and Professional Degrees

- Early Childhood Education and Teaching
- Multicultural Early Childhood Development
- Educational, Instructional, and Curriculum Supervision
- Educational Leadership and Administration

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in the Texas Association of Future Educators or Family, Career, and Community Leaders of America 	<ul style="list-style-type: none"> Teach a community education class Volunteer as a teaching assistant

Industry-Based Certifications

- Child Development Associate (CDA)



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Kindergarten Teachers, except Special Education	\$53,310	1,848	17%
Preschool Teachers	\$27,851	4,330	17%
Elementary School Teachers	\$54,140	13,121	16%
Education Administrators, Elementary and Secondary School	\$79,830	2407	16%

Successful completion of the Early Learning program of study will fulfill requirements of the Public Service endorsement.
Revised – August 2022



Education and Training Career Cluster

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

Teaching & Training Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

- Principles of Education and Training
- Principles of Human Service

Level 2

- Human Growth and Development (DC)
- Child Development (DC)
- Communication and Technology in Education

Level 3

- Instructional Practices

Level 4

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

Postsecondary Opportunities

Associates Degrees

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

Bachelor's Degrees

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

Master's, Doctoral, and Professional Degrees

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

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in the Texas Association of Future Educators or Family, Career, and Community Leaders of America 	<ul style="list-style-type: none"> • Teach a community education class • Intern as a teaching assistant or tutor • Serve as a camp counselor

Industry-Based Certifications

- Educational Aide I



Aligned Occupations

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

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



Health Science Career Cluster

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

Exercise Science & Wellness Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

- Lifetime Nutrition and Wellness

Level 2

- Kinesiology I

Level 3

- Anatomy and Physiology
- Kinesiology II

Level 4

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

Postsecondary Opportunities

Associates Degrees

- Physical Therapist Assistant
- Physical Therapy Aides
- Dietetic Technician

Bachelor's Degrees

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

Master's, Doctoral, and Professional Degrees

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

Work-Based Learning and Expanded-Learning Opportunities

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

Industry-Based Certifications

- Certified Personal Trainer



Aligned Occupations

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

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



Health Science Career Cluster

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

Healthcare Diagnostics Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Health Science
- Introduction to Imaging Technology

Level 2

- Medical Terminology (DC)
- Imaging Technology I

Level 3

- Health Science Theory

Level 4

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

Postsecondary Opportunities

Associates Degrees

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

Bachelor's Degrees

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

Master's, Doctoral, and Professional Degrees

- Radiologist
- Radiologic Technology/Science Radiographer

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in Health Occupation Students of America 	<ul style="list-style-type: none"> • Perform clinical rotations at a community wellness center, hospital, assisted living, nursing home

Industry-Based Certifications

- Certified EKG Technician
- Insurance & Coding Specialist
- Limited Medical Radiologic Technologist
- Medical Assistant
- Phlebotomy Technician

- First Aide, CPR, & AED**

**District IBC ONLY

Aligned Occupations

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

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

Health Science Career Cluster

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

Healthcare Therapeutic Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

- Principles of Health Science

Level 2

- Medical Terminology (DC)
- Pharmacy I

Level 3

- Anatomy and Physiology
- Health Science Theory
- Medical Assistant (DC)

Level 4

- Pharmacology
- Practicum in Health Science (DC)

Postsecondary Opportunities

Associates Degrees

- Dental Hygienist
- Medical/Clinical Assistant

Bachelor's Degrees

- Dental Hygienist

Master's, Doctoral, and Professional Degrees

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

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities

- Participate in SkillsUSA or Health Occupation Students of America

Work-Based Learning Activities

- Volunteer at a community wellness center, hospital, assisted living, or nursing home

Industry-Based Certifications

- Certified EKG Technician
- Certified Nurse Aide (CNA)
- Medical Assistant
- Pharmacy Technician
- Phlebotomy Technician

- First Aide, CPR, & AED**

**District IBC ONLY



Aligned Occupations

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

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



Health Science Career Cluster

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

Nursing Science Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Health Science

Level 2

- Medical Terminology (DC)

Level 3

- Anatomy and Physiology

Level 4

- Pharmacology

Postsecondary Opportunities

Associates Degrees

- Registered Nursing/Registered Nurse

Bachelor's Degrees

- Informatics Nurse Specialists

Master's, Doctoral, and Professional Degrees

- Nurse Practitioner
- Nursing Administration
- Nurse Anesthetist

Work-Based Learning and Expanded Learning Opportunities

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

Industry-Based Certifications

- Certified Nurse Aide (CNA)
- Medical Assistant
- Phlebotomy Technician

- First Aide, CPR, & AED**

**District IBC ONLY



Aligned Occupations

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%

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 – August 2022



Hospitality and Tourism Career Cluster

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

Culinary Arts Statewide Program of Study



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

Secondary Courses for High School Credit

Level 1

- Introduction to Culinary Arts
- Principles of Hospitality and Tourism

Level 2

- Culinary Arts (DC)

Level 3

- Advanced Culinary Arts (DC)

Level 4

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

Postsecondary Opportunities

Associates Degrees

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

Bachelor's Degrees

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

Master's, Doctoral, and Professional Degrees

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

Work-Based Learning and Expanded Learning Opportunities

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

Industry-Based Certifications

- ServSafe Manager
- Managefirst: Hospitality Human Resources Management**
- ServSafe Food Handler**

**District IBC ONLY



Aligned Occupations

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

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



Human Services Career Cluster

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

Cosmetology & Personal Care Services Regional Program of Study



The Cosmetology and Personal Care Services regional 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.

Secondary Courses for High School Credit

Level 1

- Principles of Cosmetology Design and Color Theory (DC)

Level 2

- Introduction to Cosmetology (DC)

Level 3

- Cosmetology I (DC)
- Barbering I

Level 4

- Cosmetology II (DC)

Postsecondary Opportunities

Certificate/License

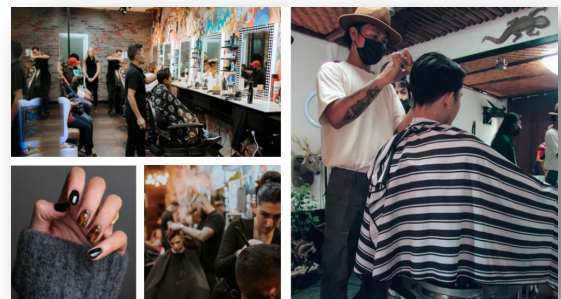
- Certified Aesthetic Laser Operator
- Cosmetologist
- Certified Spa Supervisor
- Nail Technician/Specialist and Manicurist

Associates Degrees

- Cosmetology/Cosmetologist, General
- Aesthetician/Esthetician and Skin Care Specialist
- Salon/Beauty Salon Management/Manager
- Cosmetology, Barber/Styling, and Nail Instructor

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in TIVA or SkillsUSA 	<ul style="list-style-type: none"> Job shadow a cosmetologist Work part-time at a salon, spa, or barbershop



Aligned Occupations

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%
Shampoosers	\$18,720	139	24%
Skincare Specialists	\$26,437	637	22%

Successful completion of the Cosmetology and Personal Care Services regional program of study will fulfill requirements of the Public Service endorsement. Revised – August 2022



Human Services Career Cluster

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

Family & Community Services Statewide Program of Study



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.

Secondary Courses for High School Credit

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)
- Social and Community Services

Level 3

- Family and Community Services

Level 4

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

Postsecondary Opportunities

Associates Degrees

- Human Development and Family Studies
- Human Services/Sciences, General
- Family and Consumer Sciences
- Community Health Services

Bachelor's Degrees

- Human Development and Family Studies
- Human Services/Sciences, General
- Family and Consumer Sciences
- Child and Family Services

Master's, Doctoral, and Professional Degrees

- Human Development and Family Studies
- Marriage and Family Therapy/Counseling
- Human Services/Sciences
- Family Studies

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in American Association of Family and Consumer Sciences or Family, Career and Community Leaders of America 	<ul style="list-style-type: none"> • Volunteer at a community center • Intern for a community non-profit organization

Industry-Based Certifications

- Child Development Associate (CDA)



Aligned Occupations

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%

Successful completion of the Family and Community Services program of study will fulfill requirements of the Public Service endorsement. Revised – August 2022



Human Services Career Cluster

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

Health & Wellness Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Human Services

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)

Postsecondary Opportunities

Associates Degrees

- Nutrition Sciences
- Community Health Services/Liaison/Counseling
- Health and Wellness, General
- Public Health

Bachelor's Degrees

- Nutrition Sciences
- Mental Health Counseling/Counselor
- Nutrition
- Human Nutrition and Foods

Master's, Doctoral, and Professional Degrees

- Nutrition Sciences
- Community Health and Preventative Medicine
- Nutrition
- Exercise and Sports Nutrition

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in American Association of Family and Consumer Sciences or the Family Career and Community Leaders of America 	<ul style="list-style-type: none"> Job shadow a dietitian or nutritionist Work part-time at a counseling services center, health department or hospital



Aligned Occupations

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%

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



Information Technology Career Cluster

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.

Networking Systems Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Computer Science I (DC)
- Principles of Information Technology

Level 2

- Internetworking Technologies I (DC)
- Computer Maintenance
- 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)

Postsecondary Opportunities

Associates Degrees

- Computer and Information Sciences, General
- Computer Systems Networking And Telecommunications
- Information Technology
- Network and System Administration/ Administrator

Bachelor's Degrees

- Computer and Information Sciences, General
- Computer Systems Networking And Telecommunications
- Computer and Information Systems Security/ Information Assurance
- Computer Engineering, General

Master's, Doctoral, and Professional Degrees

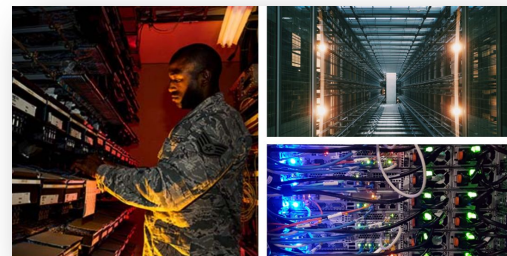
- Computer and Information Sciences, General
- Information Technology
- Computer and Information Systems Security/ Information Assurance
- Computer Engineering, General

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Join TSA • Job shadow a computer network architect or support specialist 	<ul style="list-style-type: none"> • Earn an IT certification

Industry-Based Certifications

- CompTIA A+ Certification
- CompTIA Fundamentals+



Aligned Occupations

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%

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 – August 2022



Information Technology Career Cluster

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.

Web Development Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Information Technology

Level 2

- Web Communications
- Computer Science I (DC)

Level 3

- Web Design (DC)

Level 4

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

Postsecondary Opportunities

Associates Degrees

- Computer Programming/Programmer, General
- Computer Science
- Web Page, Digital/Multimedia and Information Resources Design
- Computer Systems Networking and Telecommunications

Bachelor's Degrees

- Web/Multimedia Management and Webmaster
- Computer Science
- Web Page, Digital/Multimedia and Information Resources Design
- Computer Systems Networking and Telecommunications

Master's, Doctoral, and Professional Degrees

- Computational Science
- Computer Science
- Information Science/Studies
- Computer Systems Networking and Telecommunications

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Join TSA Participate in a coding or computer programming club Create a web page 	<ul style="list-style-type: none"> Earn an Oracle or web certification

Industry-Based Certifications

- Oracle Certified Associate Java SE 8 Programmer

- Google Analytics Individual Qualification*

*IBC sunsetting 8/31/24



Aligned Occupations

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%

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



Law and Public Service Career Cluster

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

Emergency Services Statewide Program of Study



The Emergency Services program of study focuses on training CTE learners to respond to emergency situations, such as medical emergencies and fire-based emergencies. Students will learn how to prevent emergencies, respond appropriately and in accordance with rules and regulations during crises, and investigate and delineate the source of the emergency.

Secondary Courses for High School Credit

Level 1

- Principles of Law, Public Safety, Corrections, and Security (DC)

Level 2

-

Level 3

- Firefighter I (DC)
- Anatomy and Physiology

Level 4

- Project-Based Research

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Attend local emergency awareness events Join the Texas Public Service Association 	<ul style="list-style-type: none"> Volunteer at a hospital or a fire station

Postsecondary Opportunities

Associates Degrees

- Emergency Medical Technology/Technician (EMT Paramedic)
- Fire Prevention and Safety Technology/Technician
- Fire Science/Firefighting

Bachelor's Degrees

- Emergency Medical Technology/Technician (EMT Paramedic)
- Natural Resources Law Enforcement and Protective Services



Aligned Occupations

Occupations	Median Wage	Annual Openings	% Growth
Firefighters	\$50,149	2,309	13%
Fire Inspectors and Investigators	\$54,787	161	14%
Emergency Medical Technicians	\$34,091	1,880	31%

Successful completion of the Emergency Services program of study will fulfill requirements of the Public Service endorsement. Revised – August 2022



Law and Public Service Career Cluster

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

Law Enforcement Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Law, Public Safety, Corrections, and Security (DC)

Level 2

- Law Enforcement I

Level 3

- Law Enforcement II
- Correctional Services (DC)

Level 4

- Forensic Science

Postsecondary Opportunities

Associates Degrees

- Criminal Justice/Safety Studies/Law
- Enforcement Administration
- Criminal Justice/Police Science
- Corrections
- Criminalistics and Criminal Science

Bachelor's Degrees

- Criminal Justice/Safety Studies/Law
- Enforcement Administration
- Criminal Justice/Police Science
- Juvenile Corrections
- Cyber/Computer Forensics and Counterterrorism

Master's, Doctoral, and Professional Degrees

- Criminal Justice/Safety Studies/Law
- Enforcement Administration
- Natural Resources
- Law Enforcement and Protective Services

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Join the Texas Public Service Association or local criminal justice clubs 	<ul style="list-style-type: none"> Attend court hearings and other legal procedures

Industry-Based Certifications

- Non-Commissioned Security Officer Level II



Aligned Occupations

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%

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



Law and Public Service Career Cluster

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

Legal Studies Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Law, Public Safety, Corrections, and Security (DC)

Level 2

- Court Systems and Practices

Level 3

- Advanced Legal Skills and Professions

Level 4

- Project-Based Research
- Career Preparation I (DC)

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Attend court hearings and other legal procedures Join the Texas Public Service Association 	<ul style="list-style-type: none"> Intern with a local attorney Script and conduct a mock trial

Postsecondary Opportunities

Associates Degrees

- Legal Assistant/Paralegal

Bachelor's Degrees

- Legal Assistant/Paralegal

Master's, Doctoral, and Professional Degrees

- Law
- Intellectual Property Law
- Advanced Legal Research/Studies General
- International Law and Legal Studies



Aligned Occupations

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

Successful completion of the Legal Studies program of study will fulfill requirements of the Public Service endorsement.
Revised – August 2022



Manufacturing Career Cluster

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.

Advanced Manufacturing & Machinery Mechanics Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Applied Engineering

Level 2

- Robotics I

Level 3

- Engineering Design and Presentation I
- Robotics II

Level 4

- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Electromechanical Engineering/Technology
- Certified Quality Technician
- Industrial Mechanics and Maintenance Technology

Bachelor's Degrees

- Electrical Engineering
- Industrial Engineering
- Mechanical Engineering

Master's, Doctoral, and Professional Degrees

- Electrical Engineering
- Industrial Engineering
- Mechanical Engineering

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in SkillsUSA and local STEM events 	<ul style="list-style-type: none"> Work at a local business or industry apprenticeship Join the American Welding Society

Industry-Based Certifications

- C-101 Certified Industry 4.0 Associate - Basic Operations

- Forklift Operator**
- OSHA 10**
- OSHA 30 Hour General*

*IBC sunsetting 8/31/24

**District IBC ONLY

Aligned Occupations

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%

Successful completion of the Advanced Manufacturing and Machinery Mechanics program of study will fulfill requirements of the Business and Industry or STEM endorsement if the math and science requirements are met.
Revised – August 2022



Manufacturing Career Cluster

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

Welding Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Introduction to Welding

Level 2

- Welding I (DC)

Level 3

- Welding II (DC)

Level 4

- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Certified Welder or Welder Inspector
- Machine Shop Technology/Assistant
- Operations Management and Supervision
- Occupational Safety and Health Technology/Technician

Bachelor's Degrees

- Welding Engineering Technology/Technician
- Biomedical Technology/Technician
- Operations Management and Supervision
- Environmental Health

Master's, Doctoral, and Professional Degrees

- Welding Engineering Technology/Technician
- Occupational Health and Industrial Hygiene
- Operations Management and Supervision
- Environmental Health

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate and compete in SkillsUSA • Job shadow a machinist 	<ul style="list-style-type: none"> • Work in a local business or industry apprenticeship • Join the American Welding Society

Industry-Based Certifications

- AWS Sense Level 1: Entry Welder
- NCCER Core
- NCCER Welding Level I

- Forklift Operator**
- OSHA 10**
- OSHA 30 Hour General*

*IBC sunsetting 8/31/24

**District IBC ONLY



Aligned Occupations

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%

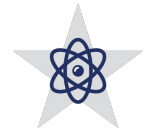
Successful completion of the Welding program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022



Science, Technology, Engineering, and Mathematics Career Cluster

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.

Cybersecurity Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Information Technology

Level 2

- Internetworking Technologies I (DC)
- Computer Science I (DC)
- AP Computer Science Principles
- Computer Maintenance

Level 3

- Digital Forensics (DC)
- Internetworking Technologies II (DC)

Level 4

- Practicum in Information Technology (DC)
- Practicum in STEM
- Project-Based Research

Postsecondary Opportunities

Associates Degrees

- System Networking, and LAN/WAN Management
- Information Technology
- Computer and Information Sciences, General
- Computer Science

Bachelor's Degrees

- Computer Systems Networking and Telecommunications
- Computer Systems Networking and Telecommunications
- Computer and Information Sciences, General
- Computer Science

Master's, Doctoral, and Professional Degrees

- Computer Systems Analysis/Analyst
- Information Technology
- Computer Information Sciences, General
- Computer Science

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Join TSA Job shadow a computer system analyst or information security analyst 	<ul style="list-style-type: none"> Obtain a cybersecurity IBC

Industry-Based Certifications

- CompTIA A+ Certification
- Cybersecurity Fundamentals
- Oracle Certified Associate Java SE 8 Programmer



Aligned Occupations

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%

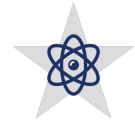
Successful completion of the Agribusiness program of study will fulfill requirements of the Business and Industry endorsement. Revised – August 2022



Science, Technology, Engineering, and Mathematics Career Cluster

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

Engineering Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Applied Engineering

Level 2

-

Level 3

- Engineering Design and Presentation I

Level 4

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

Postsecondary Opportunities

Associates Degrees

- Electrical and Electronics Engineering
- Drafting and Design Technology/ Technician, General
- Engineering Technology

Bachelor's Degrees

- Electrical and Electronics Engineering
- CAD/CADD Drafting and/or Design Technology/ Technician
- Bioengineering and Biomedical Engineering
- Construction Engineering Technology/ Technician

Master's, Doctoral, and Professional Degrees

- Electrical and Electronics Engineering
- Mechanical Engineering
- Bioengineering and Biomedical Engineering

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Participate in Skills USA competitions 	<ul style="list-style-type: none"> Intern at an engineering firm Shadow a machinist

Industry-Based Certifications

- Engineering Technology Foundations
- Pre-Engineering/Engineering Technology - Job Ready



Aligned Occupations

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%

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 – August 2022



Science, Technology, Engineering, and Mathematics Career Cluster

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.

Programming & Software Development Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- –

Level 2

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

Level 3

- Introduction to C# Programming Applications (DC)
- Computer Science II

Level 4

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

Postsecondary Opportunities

Associates Degrees

- Computer Programming/Programmer General
- Computer Software Engineer
- Computer Science
- Certified Software Analyst

Bachelor's Degrees

- Management Information Systems, General
- Computer Software Engineer
- Computer Science
- Information Science/ Studies

Master's, Doctoral, and Professional Degrees

- Computer Software Engineer
- Computer Science
- Information Science/ Studies

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Join TSA • Participate in a coding club at school 	<ul style="list-style-type: none"> • Obtain a programming IBC

Industry-Based Certifications

- Certified Entry-Level Python Programmer (PCEP)
- Certified Professional Programmer
- Oracle Certified Associate Java SE 8 Programmer



Aligned Occupations

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

Successful completion of the Programming and Software Development program of study will fulfill requirements of the Business and Industry endorsement and STEM endorsement if the math and science requirements are met. Revised – August 2022

Science, Technology, Engineering, and Mathematics Career Cluster

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.

Renewable Energy Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Applied Engineering

Level 2

- AC/DC Electronics (DC)

Level 3

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

Level 4

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

Postsecondary Opportunities

Associates Degrees

- Industrial Mechanics and Maintenance Technology
- Solar Energy/ Technology
- Engineering, Mechanics
- Engineering, General

Bachelor's Degrees

- Surveying Engineering
- Systems Engineering
- Engineering, Mechanics
- Engineering, General

Master's, Doctoral, and Professional Degrees

- Surveying Engineering
- Systems Engineering
- Manufacturing Engineering
- Engineering, General

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> Join Skills USA or a local science club 	<ul style="list-style-type: none"> Research four renewable energy companies and compare them

Industry-Based Certifications

- OSHA 10**
- OSHA 30 Hour General*

*IBC sunsetting 8/31/24

**District IBC ONLY



Aligned Occupations

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

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 – August 2022

Transportation, Distribution, and Logistics Career Cluster

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.

Automotive Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Principles of Transportation Systems
- Small Engine Technology I

Level 2

- Collision Repair (DC)

Level 3

- Automotive Technology I (DC)
- Energy and Power of Transportation Systems
- Paint and Refinishing (DC)

Level 4

- Automotive Technology II (DC)
- Practicum in Transportation Systems (DC)
- Practicum in Entrepreneurship
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Autobody/ Collision and Repair Technology/ Technician
- Medium/Heavy Vehicle and Truck Technology/ Technician
- Mechanical Engineering/ Mechanical Technology/ Technician

Bachelor's Degrees

- Mechanical Engineering/ Mechanical Technology/ Technician

Master's, Doctoral, and Professional Degrees

- Mechanical Engineering

Work-Based Learning and Expanded Learning Opportunities

Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Join SkillsUSA or the Automotive Service Association 	<ul style="list-style-type: none"> • Work at a local automotive repair or body shop

Industry-Based Certifications

- ASE Entry-Level Automobile Brakes (BR)
- ASE Entry-Level Automobile Maintenance & Light Repair (MR)

- Forklift Operator**
- OSHA 10**
- OSHA 30 Hour General*

*IBC sunsetting 8/31/24

**District IBC ONLY

Aligned Occupations

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%

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



Transportation, Distribution, and Logistics Career Cluster

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.

Aviation Maintenance Statewide Program of Study



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.

Secondary Courses for High School Credit

Level 1

- Introduction to Aircraft Technology

Level 2

- –

Level 3

- Aircraft Airframe Technology

Level 4

- Practicum in Transportation Systems (DC)
- Career Preparation I (DC)

Postsecondary Opportunities

Associates Degrees

- Avionics Maintenance Technology/ Technician
- Aircraft Powerplant Technology/ Technician
- Airframe Mechanics and Aircraft Maintenance Technology/ Technician

Bachelor's Degrees

- Airframe Mechanics and Aircraft Maintenance Technology/ Technician

Work-Based Learning and Expanded Learning Opportunities

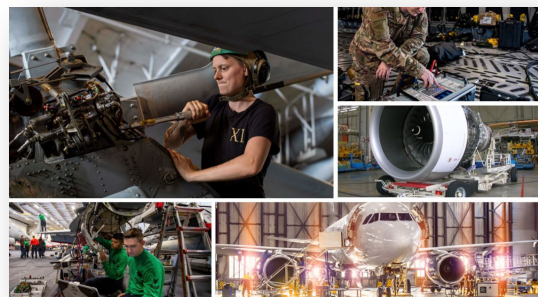
Exploration Activities	Work-Based Learning Activities
<ul style="list-style-type: none"> • Participate in SkillsUSA • Explore virtual aviation websites 	<ul style="list-style-type: none"> • Seek part-time work at an airport, aviation services agency, or airline

Industry-Based Certifications

- Forklift Operator**
- OSHA 10**
- OSHA 30 Hour General*

*IBC sunsetting 8/31/24

**District IBC ONLY



Aligned Occupations

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

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



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)	<i>English IV DC (1st sem)</i> <i>English IV DC (2nd sem)</i>
Mathematics	3	MATH 1314 (3) MATH 1316 (3) MATH 1324 (3) MATH 1325 (3) MATH 1332 (3) MATH 1442 (4)	College Algebra DC or Pre-Calculus DC (1st sem) <i>Trigonometry DC or Pre-Calculus DC (2nd sem)</i> <i>Statistics & Business Decision Making DC (1st sem)</i> <i>Statistics & Business Decision Making DC (2nd sem)</i> <i>Applied Math for Technical Professionals DC</i> <i>Statistics DC</i>
Life and Physical Sciences	8	BIOL 1308 & 1108 (4) BIOL 1309 & 1109 (4) CHEM 1311 & 1111 (4) PHYS 1301 & 1101 (4)	<i>SRD: Biology DC (1st sem)</i> <i>SRD: Biology DC (2nd sem)</i> <i>SRD: Chemistry DC</i> <i>SRD: Physics DC</i>
Language, Philosophy and Culture	3	HIST 2321 HIST 2322	<i>SS Adv St World Civilizations I DC (1st sem)</i> <i>SS Adv St World Civilizations II DC (2nd sem)</i>
Creative Arts	3	ARTS 1301 (3) MUSI 1306 (3) DRAM 1310 (3)	<i>Art Appreciation DC</i> <i>Music Appreciation DC</i> <i>Theater Arts I DC</i>
American History	6	HIST 1301 (3) HIST 1302 (3)	<i>US History DC (1st sem)</i> <i>US History DC (2nd sem)</i>
Government/Political Science	6	GOVT 2305 (3) GOVT 2306 (3)	<i>Government DC (1 sem)</i> <i>Social Studies Advanced Studies: Texas State and Local Government DC (1 sem)</i>
Social and Behavioral Sciences	3	PSYC 2301 (3) PSYC 2308 (3) PSYC 2314 (3) COMM 1307 (3) SOC 1301 (3) ECON 2301 (3)	<i>Psychology DC (1 sem)</i> <i>Child Development DC</i> <i>Lifespan Growth & Development DC</i> <i>Newspaper I DC or Yearbook I DC</i> <i>Sociology DC (1 sem)</i> <i>Economics DC (1 sem)</i>
Component Area Option	6	PSYC 1300 (3) BCIS 1305 (3) SPCH 1315 (3)	<i>Interpersonal Skills DC (1 sem)</i> <i>Business Information Management I DC</i> <i>Professional Communications DC (1 sem)</i>
Electives	16	May choose from all academic dual credit courses not used core hours. May also apply up to 9 hours of WECM courses.	Multiple academic, CTE, and 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 courses 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)
<i>English Language Arts and Reading</i>	<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>
<i>Mathematics</i>	<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 ▪ AP PreCalculus ▪ Precalculus ▪ Advanced Quantitative Reasoning ▪ ISM 1: College Algebra DC ▪ 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 ▪ ISM2: Trigonometry DC ▪ 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

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

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 -Four Credits in English, Math, Science, and Social Studies Including English IV and Chemistry and/or Physics -Four Credits in Advanced Placement or Dual Credit</p>
<p style="text-align: center;">Business & Industry</p> <p>CTE Agriculture CTE Architecture & Construction CTE Arts, A/V Technology, & Communications CTE Business Administration CTE Finance CTE Hospitality & Tourism CTE Information Technology CTE Manufacturing CTE Marketing CTE Transportation Debate Newspaper Public Speaking Yearbook</p>	<p style="text-align: center;">Public Service</p> <p>CTE Education & Training CTE Health Science Technology CTE Human Services 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
2023-2024

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 22, 2023.**

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 Pre-AP Algebra II

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
- _____ 191220 Basketball - Boys
- _____ 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

- _____ 151200 Latin I Honors
- _____ 151040 Spanish I
- _____ 151050 Spanish II
- _____ 151170 Spanish II Honors
- _____ 151180 Spanish II Honors for Spanish Speakers**

-- 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 (CTE Credit ONLY)
- _____ 324450 Theatrical Film Production (CTE Credit ONLY)

-- 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
- _____ 371010 Medical Terminology DC

Hospitality & Tourism

- _____ 381020 Introduction to Culinary Arts

Human Services

- _____ 391000 Principles of Human Services
- _____ 391080 Interpersonal Studies*
- _____ 252500 Interpersonal Studies DC*
- _____ 391090 Lifetime Nutrition & Wellness*

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
- _____ 041050 Student Lighthouse

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

-- Student Checklist --

- English**
- Math**
- Science**
- Social Studies**
- PE**
- LOTE**
- Fine Art**
- CTE**

- 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 _____

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

Sophomore Course Selection Sheet
Texas High School
2023-2024

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 22, 2023.**
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 Pre-AP Algebra II
- _____ 443100 Engineering Math
- _____ 172220 Statistics
- _____ 173210 Advanced Quantitative Reasoning (Statistics) DC
- _____ 173090 AP Statistics
- _____ 171190 College Algebra DC
- _____ 353030 Math for Business
- _____ 353040 Math for Business DC
- _____ 172250 Trigonometry DC
- _____ 173060 Precalculus
- _____ 173070 Precalculus Honors
- _____ 173160 Precalculus DC
- _____ 172050 AP Precalculus

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

- | | |
|---|---|
| <ul style="list-style-type: none"> _____ 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) | <ul style="list-style-type: none"> _____ 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

- | | |
|--|---|
| <ul style="list-style-type: none"> _____ 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 | <ul style="list-style-type: none"> _____ 151200 Latin I Honors _____ 151040 Spanish I _____ 151050 Spanish II _____ 151170 Spanish II Honors _____ 151180 Spanish II Honors for Spanish Speakers _____ 152100 Spanish III Honors _____ 152300 Special Topics in Language & Culture |
|--|---|

-- 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	_____ 322500 Theatrical Design (CTE Credit ONLY)
_____ 092130 Jazz Ensemble II	_____ 324450 Theatrical Film Production (CTE Credit ONLY)

-- 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*
_____ 302300 Turf Grass 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
_____ 161020 Entrepreneurship
_____ 431000 Fashion Marketing*
_____ 431020 Social Media Marketing*
_____ 431010 Sports & Entertainment Marketing*
_____ 331010 Touch Systems Data Entry*

Education & Training

_____ 341000 Principles of Education & Training
_____ 342050 Communication & Technology in Education
_____ 342010 Human Growth & Development

Health Science

_____ 372010 Principles of Health Science
_____ 373020 Health Science Theory
_____ 041400 Introduction to Imaging
_____ 042400 Imaging Technology I
_____ 371000 Medical Terminology
_____ 371010 Medical Terminology DC
_____ 372100 Pharmacy I

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*
_____ 042300 Social & Community Services

-- Career & Technology Electives (continued) --

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
- _____ 413150 Firefighter I DC (2 periods)

Manufacturing

- _____ 422100 Introduction to Welding

Science, Technology, Engineering & Math

- _____ 441050 Principles of Applied Engineering
- _____ 177020 AP Computer Science Principles
- _____ 401060 Computer Science I-Python DC
- _____ 443030 AC/DC Electronics DC
- _____ 442300 Digital Forensics
- _____ 442350 Digital Forensics DC
- _____ 441000 Engineering Design & Presentation
- _____ 442010 Engineering Design & Problem Solving
- _____ 441110 Robotics I
- _____ 442400 Robotics II

Transportation, Distribution & Logistics

- _____ 451000 Principles of Transportation Systems
- _____ 452100 Introduction to Aircraft Technology
- _____ 452030 Aircraft Airframe Technology (2 periods)
- _____ 451080 Energy & Power of Transportation
- _____ 452060 Small Engine Technology

-- Other Electives --

- | | |
|-------------------------------|---------------------------------|
| _____ 131080 Photojournalism | _____ 131120 Debate I |
| _____ 132040 Newspaper I | _____ 132130 Debate II |
| _____ 132030 Newspaper I DC | _____ 132500 Public Speaking I |
| _____ 132010 Yearbook I | _____ 282010 Sports Medicine I |
| _____ 132020 Yearbook I DC | _____ 041050 Student Lighthouse |
| _____ 133410 Creative Writing | |

-- 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

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Student Signature

-- For Advisor Use Only --

Program of Study: _____

Endorsement: _____

Junior Course Selection Sheet
Texas High School
2023-2024

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 22, 2023.**
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 Pre-AP Algebra II
_____ 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
_____ 353030 Math for Business
_____ 353040 Math for Business DC
_____ 172250 Trigonometry DC
_____ 173060 Precalculus
_____ 173070 Precalculus Honors
_____ 173160 Precalculus DC
_____ 172050 AP Precalculus
_____ 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*
_____ 214170 Sociology DC*
_____ 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	_____ 153070 AP French IV
_____ 152130 American Sign Language II	_____ 151200 Latin I Honors
_____ 153140 American Sign Language III	_____ 152200 AP Latin III
_____ 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	_____ 154180 Spanish IV DC
_____ 152060 French III Honors	_____ 153110 AP Spanish IV
_____ 153220 French IV DC	_____ 152300 Special Topics in Language & Culture

-- 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
_____ 094370 AP Music Theory	_____ 102030 Theatre Production II
_____ 091040 Piano I	_____ 103050 Theatre Production III
_____ 092120 Piano II	_____ 101080 Technical Theatre I
_____ 093200 Piano III	_____ 101020 Technical Theatre I DC
_____ 091000 Band I	_____ 102090 Technical Theatre II
_____ 092080 Band II	_____ 103030 Technical Theatre II DC
_____ 093160 Band III	_____ 102110 Technical Theatre II-Stagecraft
_____ 093010 Band III DC	_____ 103110 Technical Theatre III-Stagecraft
_____ 091050 Jazz Ensemble I	_____ 322500 Theatrical Design (CTE Credit ONLY)
_____ 092130 Jazz Ensemble II	_____ 324450 Theatrical Film Production (CTE Credit ONLY)
_____ 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
_____	303200	Advanced Animal Science DC
_____	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*
_____	302300	Turf Grass 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
_____	313300	Electrical Technology II (2 periods)
_____	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
_____	333080	Business Management
_____	161020	Entrepreneurship
_____	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 342050
_____		Communication & Technology in Education (formerly Tiger Pals)
_____	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
_____	042400	Imaging Technology I
_____	373500	Medical Assistant
_____	373510	Medical Assistant DC
_____	371000	Medical Terminology
_____	371010	Medical Terminology DC
_____	372100	Pharmacy I
_____	373050	Pharmacology
_____	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)

Human Services

_____	391000	Principles of Human Services
_____	391020	Child Development
_____	393030	Child Development DC
_____	042300	Child Development Associate Foundation DC
_____	393340	Child Guidance DC (2 periods)
_____	391010	Dollars & Sense*
_____	391070	Family & Community Services
_____	391080	Interpersonal Studies*
_____	252500	Interpersonal Studies DC*
_____	391090	Lifetime Nutrition & Wellness*
_____	042300	Social & Community Services
_____	393000	Practicum in Human Services (2 periods)
_____	393050	Introduction to Cosmetology DC
_____	393100	Cosmetology I DC (2 periods)
_____	393250	Introduction to Cosmetology: Barbering
_____	393200	Barbering I (3 periods)

-- Career & Technology Electives (continued) --

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
- _____ 413150 Firefighter I DC (2 periods)
- _____ 413030 Law Enforcement I

Manufacturing

- _____ 422100 Introduction to Welding
- _____ 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
- _____ 442350 Digital Forensics DC
- _____ 441000 Engineering Design & Presentation
- _____ 442010 Engineering Design & Problem Solving
- _____ 441110 Robotics I
- _____ 442400 Robotics II
- _____ 444040 Solid State Electronics DC

Transportation, Distribution & Logistics

- _____ 451000 Principles of Transportation Systems
- _____ 452100 Introduction to Aircraft Technology
- _____ 452030 Aircraft Airframe Technology (2 periods)
- _____ 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 _____ 133410 Creative Writing | <ul style="list-style-type: none"> _____ 131120 Debate I _____ 132130 Debate II _____ 134140 Debate III _____ 132500 Public Speaking I _____ 133510 Public Speaking II _____ 282010 Sports Medicine I _____ 283030 Sports Medicine II _____ 041050 Student Lighthouse _____ 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 III (283002): _____

-- 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
2023-2024

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 22, 2023.**
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 Pre-AP Algebra II
- _____ 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
- _____ 353030 Math for Business
- _____ 353040 Math for Business DC
- _____ 172250 Trigonometry DC
- _____ 173060 Precalculus
- _____ 173070 Precalculus Honors
- _____ 173160 Precalculus DC
- _____ 172050 AP Precalculus
- _____ 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*
- _____ 214170 Sociology DC*
- _____ 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	_____ 153070 AP French IV
_____ 152130 American Sign Language II	_____ 151200 Latin I Honors
_____ 153140 American Sign Language III	_____ 152200 AP Latin III
_____ 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	_____ 154180 Spanish IV DC
_____ 151160 French II Honors	_____ 153110 AP Spanish IV
_____ 152060 French III Honors	_____ 152300 Special Topics in Language & Culture
_____ 153220 French IV DC	

-- 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	_____ 094260 Brass Ensemble IV
_____ 072280 Art II Drawing Honors	_____ 091030 Percussion Ensemble I
_____ 072290 Art II Painting Honors	_____ 092110 Percussion Ensemble II
_____ 072300 Art II Sculpture Honors	_____ 093190 Percussion Ensemble III
_____ 073040 Art III Drawing	_____ 094270 Percussion Ensemble IV
_____ 073050 Art III Painting	_____ 091010 Wood Winds Ensemble I
_____ 073060 Art III Sculpture	_____ 092090 Wood Winds Ensemble II
_____ 074100 Art IV Drawing	_____ 093170 Wood Winds Ensemble III
_____ 074110 Art IV Painting	_____ 094250 Wood Winds Ensemble IV
_____ 074120 Art IV Sculpture	_____ 084000 Color Guard IV
_____ 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	_____ 094000 Orchestra IV
_____ 073280 Art Appreciation DC	_____ 102200 Musical Theatre I
_____ 073190 AP Art History	_____ 101000 Theatre Arts I
_____ 091060 Choir I	_____ 101300 Pre-AP Theatre I
_____ 092140 Choir II	_____ 101200 Theatre Arts I DC
_____ 081011 Dance I	_____ 102020 Theatre Arts II
_____ 082011 Dance II	_____ 102010 Theatre Arts II DC
_____ 091320 Music Appreciation	_____ 103040 Theatre Arts III
_____ 091080 Music Appreciation DC	_____ 103060 Theatre Arts III DC
_____ 094370 AP Music Theory	_____ 104060 Theatre Arts IV
_____ 091040 Piano I	_____ 104070 Theatre Arts IV DC
_____ 092120 Piano II	_____ 101010 Theatre Production I
_____ 093200 Piano III	_____ 102030 Theatre Production II
_____ 094280 Piano IV	_____ 103050 Theatre Production III
_____ 091000 Band I	_____ 101080 Technical Theatre I
_____ 092080 Band II	_____ 101020 Technical Theatre I DC
_____ 093160 Band III	_____ 102090 Technical Theatre II
_____ 093010 Band III DC	_____ 103030 Technical Theatre II DC
_____ 094240 Band IV	_____ 103100 Technical Theater III
_____ 094010 Band IV DC	_____ 102110 Technical Theatre II-Stagecraft
_____ 091050 Jazz Ensemble I	_____ 103110 Technical Theatre III-Stagecraft
_____ 092130 Jazz Ensemble II	_____ 322500 Theatrical Design (CTE Credit ONLY)
_____ 093210 Jazz Ensemble III	_____ 324450 Theatrical Film Production (CTE Credit ONLY)
_____ 094290 Jazz Ensemble IV	

-- 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
_____	303200	Advanced Animal Science DC
_____	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*
_____	302300	Turf Grass 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
_____	313300	Electrical Technology II (2 periods)
_____	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
_____	161020	Entrepreneurship
_____	431000	Fashion Marketing*
_____	431020	Social Media Marketing*
_____	431010	Sports & Entertainment Marketing*
_____	331010	Touch Systems Data Entry*
_____	043400	Practicum in Entrepreneurship (2 periods)

Education & Training

_____	342050	Communication & Technology in Education (formerly Tiger Pals)
_____	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
_____	373500	Medical Assistant
_____	373510	Medical Assistant DC
_____	371000	Medical Terminology
_____	371010	Medical Terminology DC
_____	373050	Pharmacology
_____	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
_____	393340	Child Guidance DC (2 periods)
_____	391010	Dollars & Sense*
_____	391070	Family & Community Services
_____	391080	Interpersonal Studies*
_____	252500	Interpersonal Studies DC*
_____	391090	Lifetime Nutrition & Wellness*
_____	042300	Social & Community Services
_____	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
_____	393250	Introduction to Cosmetology: Barbering
_____	393200	Barbering I (3 periods)

-- 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
- _____ 413150 Firefighter I DC (2 periods)
- _____ 413030 Law Enforcement I
- _____ 414000 Law Enforcement II

Manufacturing

- _____ 422100 Introduction to Welding
- _____ 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
- _____ 442350 Digital Forensics DC
- _____ 441000 Engineering Design & Presentation
- _____ 442010 Engineering Design & Problem Solving
- _____ 441110 Robotics I
- _____ 442400 Robotics II
- _____ 444040 Solid State Electronics DC
- _____ 444000 Practicum in STEM

Transportation, Distribution & Logistics

- _____ 452100 Introduction to Aircraft Technology
- _____ 452030 Aircraft Airframe Technology (2 periods)
- _____ 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 | <ul style="list-style-type: none"> _____ 133410 Creative Writing _____ 131120 Debate I _____ 132130 Debate II _____ 134140 Debate III _____ 134150 Debate IV _____ 132500 Public Speaking I _____ 133510 Public Speaking II _____ 282010 Sports Medicine I _____ 283030 Sports Medicine II _____ 284040 Sports Medicine III _____ 041050 Student Lighthouse _____ 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**

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Student Signature _____

-- For Advisor Use Only --

Program of Study: _____

Endorsement: _____

Enrichment Selection Sheet
Texas High School
2023-2024

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

- _____ 251915 Bass Fishing Club
- _____ 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

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
 - Hospitality Culinary
- **Occupational Skills Award:**
 - Audio-Video

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 \$100 (late order and late testing date fees may also apply) 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 II AP Computer Science A AP Computer Science Principles
Math	Pre-AP Algebra I Pre-AP Algebra II Pre-AP Geometry with Statistics Pre-Calculus Honors Calculus Honors	AP Precalculus 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 Geography	AP U.S. History AP Microeconomics AP Government and Politics: United States AP Psychology AP World History: Modern AP Human Geography AP European History

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

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.

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								
171190	ISM: College Algebra DC (extended)	1	TC	MATH 1314	College Algebra (Calculus Prep)	3	Restricted (Math)	\$100.00
173160	Pre-Calculus DC (College Algebra) (1st semester)	1/2	TC	MATH 1314	College Algebra (Calculus Prep)	3	Restricted (Math)	\$100.00
173160	Pre-Calculus DC (Trigonometry) (2nd semester)	1/2	TC	MATH 1316	Trigonometry	3	Restricted (Math)	\$100.00
172250	ISM: Trigonometry DC (extended)	1	TC	MATH 1316	College Algebra (Calculus Prep)	3	Restricted (Math)	\$100.00
173210	Advanced Quantitative Reasoning (Statistics) DC (extended)	1	TC	MATH 1442	Elementary Statistical Methods	4	Restricted (Math)	\$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
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	\$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 & Writing)	\$100.00
213060(5)	U.S. History DC (2nd semester)	1/2	TC	HIST 1302	History of the United States	3	Restricted (Reading & Writing)	\$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	Macroeconomics	3	Non-restricted	\$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	SS Adv. Studies: World Civ. I DC (1st semester course)	1/2	TC	HIST 2321	World Civilizations I	3	Non-restricted	\$100.00
213350	SS Advanced Studies: World Civ. II DC (2nd semester course)	1/2	TC	HIST 2322	World Civilizations II	3	Non-restricted	\$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 IV DC (1st sem.)	1/2	TC	SPAN 1411	Beginning Spanish I	4	Non-restricted	\$100.00
154180	Spanish Language IV DC (2nd sem.)	1/2	TC	SPAN 1412	Beginning Spanish II	4	Non-restricted	\$100.00
153220	French Language IV DC (1st sem.)	1/2	TC	FREN 1411	Beginning French I	4	Non-restricted	\$100.00
153220	French Language IV DC (2nd sem.)	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
303200	Advanced Animal Science DC	1	TC	AGRI 1419	Introductory Animal Science	4	Non-restricted	\$100.00
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	*\$330.00 (+\$24 NCCER Core Subscript.
311150	Principles of Construction DC (2nd semester) [TC year 1]	1/2	TC	CNBT 1311	Intro to Carpentry Methods & Materials I	3	WECM	*\$330.00 (+ \$30 NCCER Core Cert @ end of year)
312160	Construction Technology I DC (1st semester) [TC year 2]	1	TC	CNBT 1318 CNBT 1300	Const Tools & Residential & Light Commercial Construction Drawing	6	WECM	*\$330.00 (+ \$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	*\$330.00 (+ \$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 (Electrical Technology)	4	WECM	*\$300.00+TI-83 calculator
443200	Electrical Technology I DC (2nd semester)	1/2	TC	ELPT 1321	Intro to Electrical Safety & Tools (Electrical Technology)	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 (Mechatronics)	4	WECM	*\$300.00+TI-83 calculator
313150	Industrial Maintenance DC (2nd semester)	1/2	TC	ELPT 1321	Intro to Safety & Tools (Mechatronics)	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

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
463020	Career Prep I DC (extended)	2	TC	LEAD 1100	Bring Your "A" Game to Work	1	WECM	\$125.00
464020	Career Prep II DC (extended)	3	TC	HRPO 1280	Human Resources / Management Personnel Administration	2	WECM	\$125.00
Career and Technology Education – Education & Training								
343200	Human Growth & Development DC (extended)	1	TC	PSYC 2314	Lifespan Growth & Development	3	Non-restricted	\$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								
371010	Medical Terminology DC (extended)	1	TC	MDCA 1213	Medical Terminology	2	Non-restricted	\$125.00
373510	Medical Assistant DC (extended)	1	TC	HPRS 2221	Medical Law & Ethics for Health Professionals	2	WECM	\$125.00
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 + \$60 background ck + \$30 drug screen, \$30 physical 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
373340	Practicum in Health Science I – Pharmacy Technician DC	2	TC	PHRA 1309	Pharmaceutical Mathematics (extended)	3	Restricted (Reading, Writing, & Math)	\$125.00
			TC	PHRA 1301	Introduction to Pharmacy (fall)	3		
			TC	PHRA 1305	Drug Classification (spring)	3		
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	Non-restricted	\$100.00
042300	Child Development Associate Foundations DC (fall semester)	1	TC	CDEC 1317	Child Development Associate Training I	3	Non-restricted	\$125.00
042300	Child Development Associate Foundations DC (spring semester)	1	TC	CDEC 2322	Child Development Associate Training II	3	Non-restricted	\$125.00
393340	Child Guidance DC (extended)	1	TC	CDEC 2324	Child Development Associate Training III	3	Non-restricted	\$125.00
393050	Intro to Cosmetology DC (1st semester)	1	TC	CSME 1401	Orientation to Cosmetology	4	WECM	*\$300 + \$25 permit + appx. \$174.88 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. \$107.93 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 / WECM	*\$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
442350	Digital Forensics DC (extended)	1	TC	ITSY 1342	Information Technology Security	3	Non-restricted	\$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	Non-restricted	\$100.00
412010	Correctional Services DC (extended)	1	TC	CRIJ 2313	Correctional Systems and Practices	3	Non-restricted	\$100.00
413150	Firefighter I DC	2	KC	FIRS 1301, 1407, 133, 1319, 1323, 1329, 1433	Firefighter Certification I-VII	23	WECM	\$300.00
413100	Law Enforcement I DC (extended)	1	TC	TBD	TBD	TBD	Non-restricted	n/a
414040	Law Enforcement II DC (extended)	1	TC	TBD	TBD	TBD	Non-restricted	n/a
Career and Technology Education – Manufacturing								
423000	Welding I DC (1st semester)	1	TC	WLDG 1421	Welding Fundamentals	4	WECM	*\$380.00 (non-synthetic boots, jeans & T-shirt required)
423000	Welding I DC (2nd semester)	1	TC	WLDG 1337	Intro to Welding Metallurgy	3	WECM	*\$330.00 (+\$25 OSHA 10 certification fee)
424010	Welding II DC (1st semester)	1	TC	WLDG 1428	Intro to Shield Metal Arc	4	WECM	*\$380.00 (non-synthetic boots, jeans & T-shirt required)

424010	Welding II DC (2nd semester)	1	TC	WLDG 2443	Adv Shield Metal Arc	4	WECM	*\$330.00
Career and Technology Education – Science, Technology, Engineering & Mathematics								
443030	AC/DC Electronics DC (1st semester)	1/2	TC	CETT 1409	DC/AC Circuits (Instrumentation & Robotics)	4	WECM	*\$300.00+TI-83 calculator
443030	AC/DC Electronics DC (2nd semester)	1/2	TC	ELPT 1321	Intro. to Electrical Safety & Tools (Instrumentation & Robotics)	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
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

*TISD will help offset some of the tuition & fees for WECM courses.

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 33413 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.

CLAS11

Based on prior principal approval, students may have the opportunity to recover lost credit due to failure or excessive absences through the T-Class 11 after school program. Students should contact their academic advisor for more information.

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 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 strole for graduation.

Ross Perot STEM Academy Qualifying Classes

Only one is required to earn a strole for graduation

- * Computer Science (not dual Credit)
- * Digital Media
- * Engineering Design and Presentation
- * Engineering Mathematics
- * Principles of Architecture
- * Principles of Health Science
- * Robotics
- * Video Game Programming
- * Web Design

Pathways in Technology Early College High School (P-TECH)

Pathways in Technology Early College High Schools (P-TECH) are innovative open-enrollment high schools that allow students least likely to attend college an opportunity to receive both a high school diploma and a credential and/or an associate degree. The hallmark of the P-TECH model is its career focus and the provision of work-based education. P-TECH programs:

- Enroll historically underserved students, targeting at-risk and economically disadvantaged
- Provide students grade 9 through 12 the opportunity to complete a course of study that combines high school and post-secondary courses
- Enable students to earn a high school diploma, along with an associate degree, Level 1 or Level 2 certificate, or industry-based certification within six years
- Offer age-appropriate work-based learning opportunity in every grade level
- Allow students to gain work experience through an internship, apprenticeship, or other job training program
- Align to regional workforce needs, guiding students into high-demand, high-wage careers
- Partner with Texas Institutions of Higher Education (IHEs) and regional businesses and industries, giving students access to post-secondary education and workforce training opportunities

Texarkana ISD will enter year implementation of P-TECH at Texas High School in the 2023-2024 school year. P-Tech will be open to all 8th-grade TISD students and students who live within the TISD attendance area who are motivated and willing to commit to a four-year program.

Pathway:

- Teaching and Training

Degree Plans:

- Associate of Arts in Teaching: Education Early Childhood - 6
- Associate of Arts in Teaching: Education 4-8
- Associate of Arts in Teaching:: Education 8-12

Higher Education Partner: Texarkana College

Industry Partner: Texarkana Independent School District

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	Modified OPTIONS Summer School
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)
**To Kill a Mockingbird* (Harper Lee)

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 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)
The Glass Castle (Jeanette Walls)
The House on Mango Street (Sandra Cisneros)
**Twelve Angry Men* (Reginald Rose)
**Twelfth Night* (William Shakespeare)

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 Central Park Five (Sarah Burns)

*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 Glass Castle by Jeannette Walls
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
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 Central Park Five by Sarah Burns
The Giver by Lois Lowry
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



2023-2024

PROGRAM of STUDIES & COURSE DESCRIPTION GUIDE

COURSE
DESCRIPTIONS

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 aqua crops 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

302300 Turf Grass Management

Credit: ½

Turf Grass Management is designed to develop an understanding of turf grass management techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.

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 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****Credit: 1 (high school)****AGAH 1447 Animal Reproduction****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.****303200 Advanced Animal Science DC****Credit: 1 (high school)****AGRI 1419 Introductory Animal Science****Credit: 4 hours (college)**

In this dual credit course, students have 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: 1.75****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 1329 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****313300 Electrical Technology II****Credit: 2**

In Electrical Technology II, students will gain advanced knowledge and skills needed to enter the workforce as an electrician, a building maintenance technician, or a supervisor; prepare for a postsecondary degree in a specified field of construction or construction management; or pursue an approved apprenticeship program.

Grade: 11-12**Prerequisite: Electrical Technology I****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 1300 Commercial Construction Drawing****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**HART 1410 HVAC Shop Practices and Tools****HART 1407 Refrigeration Principles****Credit: 2 (high school)****Credit: 4 hours (college)****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****CETT 1409 AC/DC Circuits****ELPT 1321 Introduction to Electrical Safety & Tools****Credit: 1 (high school)****Credit: 4 hours (college)****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

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**RTVB 23355Television Production****RTVB 2337 TV Production Workshop I****RTVB 23555TVProduction Workshop II****FLMC 2334 Directing for Film or Video****Credit: 2 (High School)****Credit: 3 hours (college)****Credit: 3 hours (college)****Credit: 3 hours (college)****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****324450 Audio Video Production I: Film Production****Credit: 1**

Careers in audio and video technology span all aspects of the audio-video communications industry. This course will focus on theatrical film production.

Grade: 9-11**Prerequisite: None****Course Weight: 1.50****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 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 Interest Inventory and selection process.****Course Weight: 1.50**

324090 Commercial Photography & Lab II DC
COMM 1318 Photography I
324130 Practicum in Commercial Photography DC
324230 Extended Practicum in Commercial Photography DC
COMM 1319 Photography II

Credit: 2 (high school)
Credit: 3 hours (college)
Credit: 2 (high school)
Credit: 3 (high school)
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

<u>132040 Digital Design and Media Production: Newspaper I</u>	Credit: 1
<u>132030 Digital Design and Media Production: Newspaper I DC</u>	Credit: 1
<u>133050 Illustration 1: Newspaper II</u>	Credit: 1
<u>133040 Illustration 1: Newspaper II DC</u>	Credit: 1
<u>134060 Newspaper III</u>	Credit: 1
<u>134050 Newspaper III DC</u>	Credit: 1
<u>132010 Digital Design and Media Production: Yearbook I</u>	Credit: 1
<u>132020 Digital Design and Media Production: Yearbook I DC</u>	Credit: 1
<u>133020 Illustration 1: Yearbook II</u>	Credit: 1
<u>133030 Illustration 1 : Yearbook II DC</u>	Credit: 1
<u>134030 Yearbook III</u>	Credit: 1
<u>134040 Yearbook III DC</u>	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

<u>132070 Illustration Lab 1: Newspaper Editors I</u>	Credit: 1
<u>132050 Illustration Lab 1: Newspaper Editors I DC</u>	Credit: 1
<u>133000 Newspaper Editors II</u>	Credit: 1
<u>133070 Newspaper Editors II DC</u>	Credit: 1
<u>132080 Illustration Lab 1: Yearbook Editors I</u>	Credit: 1
<u>132060 Illustration Lab 1: Yearbook Editors I DC</u>	Credit: 1
<u>133010 Yearbook Editors II</u>	Credit: 1
<u>133080 Yearbook Editors II DC</u>	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

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****322500 Fashion Design I: Theatrical Design****Credit: 1**

Careers in fashion span all aspects of the textile and apparel industries. Students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction. This course will focus on costuming for theatrical productions.

Grade: 10-12**Prerequisite: None****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 English graduation requirement.

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**MRKG 1311 Principles of Marketing (1st semester)****MRKG 1380 Cooperative Ed Business Marketing & Marketing Management (1st sem)****MRKG 1302 Principles of Retailing (2nd semester)****MRKG 1381 Cooperative Ed Business Marketing & Marketing Management (2nd sem)****Credit: 2 (high school)****Credit: 3 hours (college)****Credit: 3 hours (college)****Credit: 3 hours (college)****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**

352000 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

342050 Communication and Technology in Education

Credit: 1

Students will develop knowledge and skills regarding the professional, ethical, and legal responsibilities in teaching related to educational technology; as well as, understand laws and pedagogical justifications regarding classroom technology use. Students in this course will have the opportunity to visit TISD elementary schools and mentor (Previously Tiger Pals).

Grade: 10-12

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

041050 Student Lighthouse 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.

Grade: 9-12

Prerequisite: Member of the Student Lighthouse Team

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****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****64030 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 understanding 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

<u>092080 Band II</u>	Credit: 1
<u>092090 Instrumental Ensemble II - Woodwinds</u>	Credit: 1
<u>092100 Instrumental Ensemble II - Brass</u>	Credit: 1
<u>092110 Instrumental Ensemble II - Percussion</u>	Credit: 1
<u>092120 Instrumental Ensemble II - Piano</u>	Credit: 1
<u>092130 Stage Band II (Jazz)</u>	Credit: 1
<u>092140 Choir II</u>	Credit: 1
<u>092150 Vocal Ensemble II</u>	Credit: 1
<u>092000 Orchestra II</u>	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

<u>093160 Band III</u>	Credit: 1
<u>093170 Instrumental Ensemble III - Woodwinds</u>	Credit: 1
<u>093180 Instrumental Ensemble III - Brass</u>	Credit: 1
<u>093190 Instrumental Ensemble III - Percussion</u>	Credit: 1
<u>093200 Instrumental Ensemble III - Piano</u>	Credit: 1
<u>093210 Stage Band III (Jazz)</u>	Credit: 1
<u>093220 Choir III</u>	Credit: 1
<u>093230 Vocal Ensemble III</u>	Credit: 1
<u>093000 Orchestra III</u>	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

091320 Music Appreciation**Credit: 1****091080 Music Appreciation DC****Credit: 1 (high school)****MUSI 1306 Music Appreciation****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****091330 Show Choir I****Credit: 1****092340 Show Choir II****Credit: 1****093350 Show Choir III****Credit: 1****094360 Show Choir IV****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: 11-12**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

103060 Theatre Arts II DCDC**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
<u>102110 Technical Theatre II Stagecraft</u>	Credit: 1
<u>103110 Technical Theatre III -Advanced Stagecraft</u>	Credit: 1
<u>104110 Technical Theatre I-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
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<u>072020 Art II - Painting</u>	Credit: 1
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<u>072030 Art II - Sculpture</u>	Credit: 1
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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
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<u>072290 Art II Honors – Painting</u>	Credit: 1
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<u>072300 Art II Honors – Sculpture</u>	Credit: 1
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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

<u>073040 Art III - Drawing</u>	Credit: 1
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<u>073050 Art III - Painting</u>	Credit: 1
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<u>073060 Art III - Sculpture</u>	Credit: 1
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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

371010 Medical Terminology DC

Credit: 1 (high school)

MDCA 1213

Credit: 2 hours (college)

In this dual credit course, students learn the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Grade: 9-12

Prerequisite: None

Course Weight: 1.75

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 Technology

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

042400 Imaging Technology I

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. (Year 2 in Health Diagnostics Plan of Study)

Grade: 10-11

Prerequisite: Introduction to Imaging Technology

Course Weight: 1.5

372100 Pharmacy I**Credit: 1**

In Pharmacy I students build on their existing foundation of knowledge and skills needed to pursue a career in the pharmaceutical field such as a pharmacy technician or pharmacist). Instruction includes pharmacokinetics, pharmacy law, medication safety, the dispensing process, and inventory.

Grade: 10-11**Prerequisite: None****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****373340 Practicum in Health Science I - Pharmacy Technician DC****Credit: 2 (high school)****PHRA 1301 Introduction to Pharmacy****Credit: 3 (college)****PHRA 1305 Drug Classification****Credit: 3 (college)****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, Biology and Chemistry - Qualifying Math scores****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)****373500 Medical Assistant****Credit: 1**

The Medical Assistant course provides students with the knowledge and skills to pursue a career as a medical assistant and to improve college and career readiness. Students will obtain communication skills, clinical ethics knowledge, safety awareness, and information related to medical assisting career opportunities.

Grade: 11-12**Co-requisite: Anatomy and Physiology****Course Weight: 1.50**

373510 Medical Assistant DC
HPRS 2221

Credit:: 1 (high school)
Credit:: 2 hours (college)

This dual credit course covers the Medical Assistant training through Texarkana College and provides students with the knowledge and skills to pursue a career as a medical assistant and to improve college and career readiness. Students will obtain communication skills, clinical ethics knowledge, safety awareness, and information related to medical assisting career opportunities.

Grade: 11-12

Co-requisite: Anatomy and Physiology

Course Weight: 1.75

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

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

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

Credit: 2 (high school)

CHEF 1305 Sanitation and Safety

Credit: 2 hours (college)

RSTO 1313 Hospitality Supervision

Credit: 3 hours (college)

RSTO 1325 Purchasing for the Hospitality Industry

Credit: 3 hours (college)

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

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****042300 Social and Community Service****Credit: 1**

This course provides an overview of the nonprofit, social, community service, and faith-based organization sector in the United States with an emphasis on professional practices and development of the skills needed to implement service programs. Topics covered include the roles of community service providers in meeting human service needs, the sociological factors on clients receiving services, and the exploration of careers.

Grade: 10**Prerequisite: None****Course Weight: 1.50**

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

393340 Child Guidance DC**Credit: 2 (high school)****CDEC 2324 Child Development Associate Training III****Credit: 3 hours (college)**

This dual credit course addresses the knowledge and skills related to child growth and guidance, equipping students to develop positive relationships with children and effective caregiver skills.

Grade: 11-12**Prerequisite: Child Development Associate Foundations DC****Course Weight: 1.75****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 \$175 for level I and \$110 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)****393200 Barbering I****Credit: 3 (high school)**

Barbering is an extended course of study that enables students to become licensed barbers through Texas Department of Licensing and Regulation (TDLR). Barbering is one program of study that allows students to earn an industry certificate that launches them into a professional career immediately, yet also specifies rigorous core curricula that prepares the student to be successful in a post-secondary learning environment.

Grade: 10-12**Co-requisite: Introduction to to Cosmetology : Barbering****Note: Students may be required to purchase kits at an approximate cost of \$120****Course Weight: 1.50****393250 Introduction to Cosmetology: Barbering****Credit: 1 (high school)**

Barbering is an extended course of study that enables students to become licensed barbers through Texas Department of Licensing and Regulation (TDLR). Barbering is one program of study that allows students to earn an industry certificate that launches them into a professional career immediately, yet also specifies rigorous core curricula that prepares the student to be successful in a post-secondary learning environment.

Grade: 10-12**Co-requisite: Barbering I****Note: Students may be required to purchase kits at an approximate cost of \$120****Course Weight: 1.50****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

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**Credit: 1 (high school)****SPAN 1411 Beginning Spanish I****Credit: 4 hours (college)****SPAN 1412 Beginning Spanish II****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****Credit: 1 (high school)****FREN 1411 Beginning French I****Credit: 4 hours (college)****FREN 1412 Beginning French II****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****Credit: 1****154240 Spanish V: Cultural and Linguistic Topics****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****Credit: 1****152130 American Sign Language II****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.**

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.

152300 Special Topics in Language and Culture

Credit: 1

In the 21st century language classroom, students gain an understanding of two basic aspects of human existence: the nature of communication and the complexity of culture. Students become aware of multiple perspectives and means of expression, which lead to an appreciation of difference and diversity.

Grade: 10-12

Pre-requisite: 2 Credit in Language other than English

Course Weight: 1.50

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: None****Course Weight: 1.50****413150 Firefighter I DC****Credit: 2 (high school)****FIRS 1001, FIRS 1007, FIRS 1013, FIRS 1019, FIRS 1023, FIRS 1029, FIRS 1033****Credit: 23 (college hours)**

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. The Basic Fire Academy program will count as 23 hours toward an Associates Degree in Fire Protection at Kilgore College if the students would like to pursue the degree (not required to be certified)

Grade: 11-12**Prerequisite: None****Course Weight: 1.75****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

422100 Introduction to Welding

Credit: 1

Introduction to Welding will provide an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards.

Grade: 10-12

Prerequisite: None

Course Weight: 1.50

423000 Welding I DC

Credit: 2 (high school)

WDLG 1337 Introduction to Welding Metallurgy

Credit: 3 hours (college)

WLDG 1421 Welding Fundamentals

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 \$80 (non-synthetic boots, jeans & T-shirt required)

424010 Welding II DC

Credit: 2 (high school)

WDLG 1428 Introduction to Shielded Metal Arc

Credit: 4 hours (college)

WLDG 2443 Advanced Shielded Metal Arc

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 \$80 (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	Pre-AP Algebra I; ISM: College Prep Math Math Models; Geometry; Algebra II;
10	Geometry	Algebra II Honors; Algebra II DC	Precalculus DC AP Precalculus 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 DC AP Precalculus Advanced Quantitative Reasoning (Statistics) DC Stat. & Risk Man. DC AP Computer Science A AP Statistics ISM I: College Algebra DC ISM II: Trigonometry DC	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**

172250 ISM: Trigonometry DC**Credit: 1 (high school)****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 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. 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; MATH 1314 (College Algebra DC); college entrance requirements****Course Weight: 1.75****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 six 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****172050 AP Precalculus****Credit: 1**

New for 23-24 - AP Precalculus prepares students for other college-level math and science courses. Students explore everyday phenomena using mathematical tools. Students will build a deep mastery of modeling and functions.

Grade: 10-12**Prerequisite: Algebra I, Algebra II, and Geometry****Course Weight: 1.80****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 Conceptual 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</i> <i>Biotechnology</i>	1 1	<i>Engineering Design and Presentation</i> <i>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

442350 Digital Forensics DC**Credit: 1 (high school)****ITSY 1342****Credit: 3 hours (college)**

This dual credit course 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: 1.75****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****442400 Robotics II****Credit: 1**

In Robotics II, students will explore artificial intelligence and programming in the robotic and automation industry. Through implementation of the design process, students will transfer academic skills to component designs in a project-based environment. Students will build prototypes and use software to test their designs.

Grade: 10-12**Prerequisite: Robotics I****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: 1012

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: 1412

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: 1412

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: 1412

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: 1012

Prerequisites: Algebra I, Geometry

Course weight: 1.50

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: 912

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.**

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
GOVT 2305 Federal Government

Credit: ½ (high school)
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
GOVT 2306 Texas Government

Credit: ½ (high school)
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
ECON 2301 Principles of Economics I

Credit: ½ (high school)
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)****452100 Introduction to Aircraft Technology****Credit: 1**

Introduction to Aircraft Technology is designed to teach the theory of operation of aircraft airframes, powerplants, and associated maintenance and repair practices. Maintenance and repair practices include knowledge of the function, diagnosis, and service of general curriculum subjects, airframe structures, airframe systems and components, powerplant theory and maintenance, and powerplant systems and components of aircraft.

Grade: 10-12**Prerequisite: None****Course weight: 1.50****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.

Grade: 10-12**Aircraft Airframe Technology I Prerequisite: Introduction to Aircraft Technology****Aircraft Power Plant Technology Prerequisite: Aircraft Airframe Technology I****Practicum in Transportation Systems Prerequisite: Aircraft Power Plant Technology****Course weight: 1.50**

Index of Courses

AC/DC Electronics DC	158	Army S.T.A.R. Program.....	106
Accounting I DC.....	103	Art Appreciation I DC.....	122
Accounting I.....	103	Art Appreciation.....	122
Accounting II DC.....	104	Art I.....	121
Accounting II.....	103	Art II - Drawing	121
Advanced Animal Science	88	Art II - Painting	121
Advanced Animal Science DC.....	88	Art II - Sculpture	121
Advanced Culinary Arts	129	Art II Honors – Drawing.....	121
Advanced Floral Design.....	87	Art II Honors – Painting	121
Advanced Legal Skills and Professions	141	Art II Honors – Sculpture.....	121
Advanced Marketing.....	102	Art III - Drawing	121
Advanced Quantitative Reasoning DC.....	147	Art III - Painting	121
Advanced Quantitative Reasoning.....	146	Art III - Sculpture	121
Adventure in Outdoor Education	149	Art IV - Drawing	122
Aerobic Activities I.....	149	Art IV - Painting.....	122
Agricultural Mechanics and Metal Technologies.....	87	Art IV - Sculpture	122
Agricultural Power Systems.....	87	Astronomy.....	155
Agricultural Structures Design & Fabrication	87	Audio/Video: Film Production.....	96
Aircraft Airframe Technology	168	Audio/Video Production DC.....	94, 95
Aircraft Power Plant Technology	168	Audio/Video Production.....	94,95
Algebra I.....	144	Automotive Technology I DC.....	167
Algebra II Honors.....	144	Automotive Technology II DC.....	168
Algebra II.....	144	Band I.....	116
Algebraic Reasoning.....	146	Band II	116
American Sign Language I.....	137	Band III	117
American Sign Language II.....	137	Band IV	117
American Sign Language III.....	138	Banking and Financial Services.....	103
American Sign Language IV Honors.....	138	Barbering.....	131
Anatomy and Physiology	123, 165	Baseball (9)	150
AP Art Drawing Portfolio	122	Baseball (V)	150
AP Art History	122	Basketball - Boys (9)	150
AP Art Three-Dimensional Design Portfolio	122	Basketball - Boys (V).....	150
AP Art Two-Dimensional Design Portfolio.....	122	Basketball - Girls (9)	150
AP Biology II	153	Basketball - Girls (V).....	150
AP Calculus AB	145	Biology DC.....	153
AP Calculus BC	145	Biology I.....	152
AP Chemistry II.....	154	Biotechnology.....	153, 159
AP Computer Science Principles.....	139, 160	Building Maintenance Technology.....	92
AP English Language and Composition (Level III).....	110	Business English	101, 117
AP English Literature and Composition (Level IV).....	111	Business Information Management I DC.....	100
AP Environmental Science	155	Business Information Management I.....	100
AP European History	262	Business Information Management II.....	100
AP French Language (Level V).....	136	Business Management	101
AP Government and Politics: Comparative	163	Calculus Honors	145
AP Government and Politics: United States.....	163	Career Preparation I.....	108
AP Human Geography	161	Career Preparation II	108
AP Latin	136	Cheerleading I.....	151
AP Macroeconomics	163	Cheerleading II.....	151
AP Microeconomics	164	Cheerleading III.....	151
AP Music Theory.....	118	Cheerleading IV	151
AP Precalculus.....	145	Chemistry DC.....	153
AP Physics	154	Chemistry I.....	153
AP Psychology.....	164	Child Development Associate Found. DC.....	130
AP Research.....	143	Child Development DC.....	130
AP Seminar	142	Child Development	130
AP Spanish Language AP	136	Child Guidance.....	130
AP Statistics	145	Child Guidance DC.....	131
AP U.S. History.....	162	Choir I.....	116
AP World History.....	161	Choir II	116
Applied Mathematics for Technical Prof.....	109, 148	Choir III	117
Aquatic Science.....	154	Choir IV	117
Architectural Design.....	87	College Algebra DC.....	144

College Preparatory English.....	111	Fashion I: Theatrical Design.....	98
College Preparatory Math.....	147	Fashion Marketing.....	101
College Readiness & Study Skills.....	112	Financial Mathematics.....	103, 146
Collision Repair and Refinishing DC.....	168	Firefighter I.....	141
Commercial Photography.....	96	Firefighter I DC.....	141
Communication Applications DC.....	113	Floral Design.....	86, 122
Communication Applications.....	113	Food Science.....	128, 156
Communication & Technology in Education.....	104	Football (9).....	150
Computer Maintenance.....	133	Football (V).....	150
Computer Science I Python Prog. DC.....	160	Forensic Science Honors.....	141, 156
Computer Science I.....	160	Forestry and Woodland Ecosystems.....	89
Computer Science II Honors.....	160	Foundations of Personal Fitness.....	149
Computer Science III Honors.....	160	French I.....	136
Computer Technician.....	133	French II Honors.....	136
Construction Management.....	91	French II.....	136
Construction Technology.....	91	French III Honors.....	136
Correctional Services.....	140	French Language DC (Level IV).....	136
Cosmetology I DC.....	131	Fundamentals of Computer Science.....	159
Cosmetology II DC.....	131	Geometry.....	144
Court Systems and Practices.....	140	Golf.....	150
Creative Writing.....	112	Government.....	162
Cross Country - Boys.....	150	Graphic Design and Illustration I.....	98
Cross Country - Girls (9).....	150	Graphic Design and Illustration II.....	98
Cross Country - Girls (V).....	150	Health Science Theory.....	125
Culinary Arts DC.....	128	Health Science Theory / Clinical.....	125
Culinary Arts.....	128	Health.....	124
Dance I.....	115	Horticulture Science.....	119
Dance II.....	115	Hotel Management.....	128
Dance III.....	115	Human Growth and Development DC.....	104
Dance IV.....	115	Human Growth and Development.....	104
Dance / Drill Team I.....	151, 188	Human Resources Management.....	100
Dance / Drill Team II.....	151, 188	HVAC and Refrigeration Technology DC.....	93
Dance / Drill Team III.....	151, 188	Imaging Technology.....	125
Dance / Drill Team IV.....	151, 188	Independent Student Assistant.....	106
Debate I.....	114	Individual Sports I.....	149
Debate II.....	114	Industrial Maintenance DC.....	93
Debate III.....	114	Instructional Practices.....	104
Debate IV.....	114	Instrumental Ensemble I - Brass.....	116
Digital Electronics.....	159	Instrumental Ensemble I - Percussion.....	116
Digital Forensics.....	157	Instrumental Ensemble I - Piano.....	116
Digital Forensics DC.....	158	Instrumental Ensemble I - Woodwinds.....	116
Digital Media.....	134	Instrumental Ensemble II - Brass.....	116
Dollars and Sense.....	130	Instrumental Ensemble II - Percussion.....	116
Earth and Space Science.....	155	Instrumental Ensemble II - Piano.....	116
Economics DC.....	163	Instrumental Ensemble II - Woodwinds.....	116
Economics.....	163	Instrumental Ensemble III - Brass.....	117
Electrical Technology.....	91	Instrumental Ensemble III - Percussion.....	117
Electrical Technology II.....	91	Instrumental Ensemble III - Piano.....	117
Energy and Power of Transportation Systems.....	167	Instrumental Ensemble III - Woodwinds.....	117
Engineering Design and Presentation.....	157	Instrumental Ensemble IV - Brass.....	117
Engineering Design and Problem Solving.....	157	Instrumental Ensemble IV - Percussion.....	117
Engineering Mathematics.....	146, 157	Instrumental Ensemble IV - Piano.....	117
English I.....	110	Instrumental Ensemble IV - Woodwinds.....	117
English II.....	110	Instrumental Music DC.....	117
English III.....	110	Integrated Physics & Chemistry.....	152
English IV DC.....	111	Interior Design.....	91
English IV.....	111	Internetworking Technologies I DC.....	133
Environmental Systems.....	155	Internetworking Technologies I.....	133
Equine Science.....	89	Internetworking Technologies II DC.....	133
ESOL I.....	112	Internetworking Technologies II.....	133
ESOL II.....	112	Interpersonal Studies DC.....	131
Esports.....	98	Interpersonal Studies.....	131
Extended Practicum in Marketing.....	102	Introduction to Aircraft Technology.....	168
Family and Community Services.....	131	Introduction to C# Programming DC.....	133
Fashion Design I.....	98	Introduction to C# Programming.....	133
Fashion Design II.....	98	Introduction to Cosmetology: Barbering.....	132

Introduction to Cosmetology DC	131	Photojournalism.....	113
Introduction to Culinary Arts	128	Physics I.....	154
Introduction to Imaging.....	125	Power Lifting	150
Introduction to Welding.....	142	Practical Writing Skills.....	112
ISM: Trigonometry DC.....	145	Practicum in Agriculture, Food, N.R	89
ISE: The Holocaust & Human Rights/Lit & Film.....	112	Practicum in Architectural Design	91
Journalism.....	113	Practicum in Audio/Video Production I DC.....	95,96
Landscape Design and Management.....	86	Practicum in Audio/Video Production I.....	95, 96
Law Enforcement I DC.....	140	Practicum in Audio/Video Production II DC.....	95, 96
Law Enforcement I.....	140	Practicum in Audio/Video Production II.....	95, 96
Law Enforcement II DC	140	Practicum in Business Management	101
Law Enforcement II.....	141	Practicum in Culinary Arts DC.....	129
Leadership Skills.....	106	Practicum in Culinary Arts	129
Lifetime Nutrition and Wellness	131	Practicum in Education and Training DC.....	105
Literary Genres.....	112	Practicum in Education and Training	104
Livestock Production.....	88	Practicum in Entrepreneurship.....	108
Management of Transportation Systems	167	Practicum in Fashion Design.....	98
Mathematical App in Ag, Food, Nat Res.....	89, 147	Practicum in Graphic Design and Illustration I.....	99
Mathematical Models with Applications.....	146	Practicum in Graphic Design and Illustration II.....	99
Medical Terminology	125	Practicum in Health Science I DC CNA.....	126
Medical Terminology DC	125	Practicum in Health Science I: EKG/Phlebotomy	126
Medical Assistant	126	Practicum in Health Science I: Pharmacy Tech DC	126.
Medical Assistant DC.....	126	Practicum in Health Science I: Pharmacy Tech	126
Mill and Cabinetmaking Technology.....	125	Practicum in Human Services	132
Music Appreciation DC	118	Practicum in Information Technology DC.....	135
Music Appreciation.....	118	Practicum in Information Technology	134
Musical Theatre I.....	119	Practicum in Interior Design.....	91
Networking	134	Practicum in Marketing DC.....	101
Newspaper I.....	97	Practicum in Marketing II DC.....	102
Newspaper II.....	97	Practicum in Marketing II.....	102
Newspaper III.....	97	Practicum in Marketing.....	102
Newspaper Editors I DC.....	97	Practicum in STEM I.....	158
Newspaper Editors I.....	97	Pre-AP Algebra I.....	143
Newspaper Editors II DC	97	Pre-AP Biology I.....	152
Newspaper Editors II.....	97	Pre-AP Chemistry I.....	153
Newspaper I DC.....	97	Pre-AP English I.....	110
Newspaper II DC.....	97	Pre-AP English II.....	110
Newspaper III DC.....	97	Pre-AP Geometry with Statistics.....	144
Office Aide	106	Pre-AP Theatre I	119
Oral Interpretation I.....	113	Pre-AP World History and Geography	161
Oral Interpretation II.....	113	Precalculus DC.....	145
Oral Interpretations III	113	Precalculus Honors	144
Orchestra I.....	116	Precalculus	144
Orchestra II.....	116	Principles of Agriculture, Food & Nat Res.....	86
Orchestra III	116	Principles of Applied Engineering.....	157
Orchestra IV	116	Principles of Architecture.....	90
Paint and Refinishing DC	168	Principles of Business, Marketing and Finance	100
Partner PE: Aerobic Activities I.....	149	Principles of Construction.....	90
Partner PE: Foundations of Personal Fitness	149	Principles of Cosmetology Design & Color.....	132
PE Equivalent I.....	150	Principles of Education and Training.....	104
PE Equivalent II.....	150	Principles of Govt and Public Administration	123
PE Equivalent III	150	Principles of Health Science	125
PE Equivalent IV.....	150	Principles of Human Services.....	130
PE/Cheerleading I	151	Principles of Law and Public Service	140
PE/Cheerleading II	151	Principles of Technology.....	154, 159
PE/Cheerleading III	151	Principles of Transportation, Dist, & Logistics	167
PE/Cheerleading IV	151	Problems and Solutions I.....	107
PE/Drill Team I.....	115, 151	Problems and Solutions II.....	107
PE/Drill Team II.....	115, 151	Professional Communications DC.....	99
PE/Drill Team III.....	115, 151	Professional Communications.....	99
PE/Drill Team IV	115, 151	Professional Standards in Agribusiness.....	89
Pharmacy I.....	126	Psychology DC.....	164
Pharmacology	127	Psychology	164

Public Management and Administration.....	123	Tango Flight.....	168
Public Speaking I.....	114	Technical Theatre - Stagecraft.....	121
Public Speaking II.....	114	Technical Theatre I DC.....	121
Public Speaking III.....	114	Technical Theatre I.....	120
Range Ecology and Management.....	88	Technical Theatre II.....	120
REACH I.....	107	Technical Theatre III.....	121
REACH II.....	107	Tennis (JV) Boys.....	150
REACH III.....	107	Tennis (JV) Girls.....	150
REACH IV: Research and Technical Writing.....	107	Tennis (V).....	150
Reading I.....	114	Theatre Arts I DC.....	119
Reading II.....	114	Theatre Arts I.....	119
Reading III.....	114	Theatre Arts II.....	119
Reading IV.....	114	Theatre Arts III.....	119
Research and Technical Writing.....	112	Theatre Arts IV.....	119
Robotics I.....	158	Theatre Production I.....	119
Robotics II.....	158	Theatre Production II.....	119
SAT/ACT Testing Prep.....	106	Theatre Production III.....	120
Show Choir I.....	118	Theatre Production IV.....	120
Show Choir II.....	118	Touch Systems Data Entry.....	100
Show Choir III.....	118	Track and Field - Boys.....	150
Show Choir IV.....	118	Track and Field - Girls.....	150
Small Animal Management.....	87	Travel and Tourism Management.....	128
Small Engine Technology.....	167	Turf Grass Management.....	86
Soccer - Boys (9).....	150	U.S. Government DC.....	163
Soccer - Boys (V).....	150	U.S. History DC.....	162
Soccer - Girls.....	150	U.S. History since Reconstruction.....	162
Social and Community Services.....	129	UIL Academic Preparation.....	107
Social Media Marketing.....	101	Veterinary Medical Applications.....	88
Social Studies Adv Studies: Texas Govt DC.....	163	Video Game Programming.....	88
Social Studies Adv Studies: World Civ I DC.....	164	Visual Media Analysis & Production.....	114
Social Studies Adv Studies: World Civ II DC.....	165	Vocal Ensemble I.....	116
Social Studies Research Methods I.....	166	Vocal Ensemble II.....	116
Social Studies Research Methods II.....	166	Vocal Ensemble III.....	117
Sociology DC.....	164	Vocal Ensemble IV.....	117
Sociology.....	164	Volleyball (9).....	150
Softball.....	150	Volleyball (V).....	150
Solid State Electronics DC.....	158	Web Communications.....	134
Spanish I.....	136	Web Design.....	134
Spanish II Honors for Spanish Speakers.....	136	Welding DC.....	142
Spanish II Honors.....	136	Wildlife, Fisheries and Ecology Management.....	86
Spanish III Honors.....	136	World Geography Studies.....	161
Spanish IV DC.....	137	World History Studies Honors.....	161
Special Topics in Language and Culture.....	139	World History Studies.....	161
Special Topics in Soc St: American Outlaws.....	166	Yearbook Editors I DC.....	97
Special Topics in Soc St: The Cold War.....	164	Yearbook Editors I.....	97
Special Topics in Soc St: Contemporary Issues.....	165	Yearbook Editors II DC.....	97
Special Topics in Soc St: Mod Afr Amer Studies.....	165	Yearbook Editors II.....	97
Special Topics in Soc St: Philosophy.....	165	Yearbook I DC.....	97
Special Topics in Soc St: World History in Film.....	165	Yearbook I.....	97
Special Topics in Soc St: World War II.....	165	Yearbook II DC.....	97
Sports and Entertainment Marketing.....	101	Yearbook II.....	97
Sports Medicine I DC.....	127	Yearbook III DC.....	97
Sports Medicine I.....	127	Yearbook III.....	97
Sports Medicine II.....	127		
Sports Medicine III.....	127		
Stage Band I (Jazz).....	116		
Stage Band II (Jazz).....	116		
Stage Band III (Jazz).....	116		
Stage Band IV (Jazz).....	116		
Statistics and Bus. Decision Making DC.....	100, 147		
Statistics and Bus. Decision Making.....	101, 147		
Statistics.....	147		
Student Lighthouse Leadership.....	106		
Swimming.....	150		



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