BIG SPRING ISD

CAREER & TECHNICAL EDUCATION

"The mission of Big Spring ISD's Career and Technical Education (CTE) Program is to develop "future ready" students by providing them with meaningful experiences in their program of study, providing a challenging academic and technical program, and giving the tools necessary to compete in high-demand, high-wage, and highly skilled occupations in a global workforce and postsecondary education."

Big Spring Independent School District

Career & Technical Education

Career and Technical Education programs at Big Spring ISD are aligned with current industry needs and pathways. Each course provides knowledge and skills needed to prepare students for related careers or further education after high school. The BSISD goal is to prepare students to the best of the district's ability to be successful in relation to college and career readiness upon graduation. The district will use all available resources to provide opportunities for students to make informed decisions for their futures.

Students who participate in CTE programs at BSISD will complete career exploration projects, hands-on activities related to industry/career objectives, and will be in an environment that combines instruction with business and industry content related to employment. CTE programs allow students to benefit from the exposure to many career options as well as participate in learning that is not set in the traditional classroom. BSISD encourages all students to be successful and use the opportunities they are given to further their future goals and dreams.

Vonnie Anderson

CTE Director

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CTE Non-Discrimination Notice

It is the policy of Big Spring Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

District Personnel

Jay McWilliams, Superintendent

George Bancroft, Asst. Superintendent of Operations

Dr. Raemi Thompson, Asst. Superintendent of Academics & Assessments

Mike Ritchey, High School Principal

Tim Tannehill, HS Asst. Principal

Bert Otto, HS Asst. Principal

Vonnie Anderson, CTE Director

Shannon Stuteville, High School Principal Administrative Assistant

Taylor Osborn, High School Counselor

Leasa Lowery, High School Counselor

Morgan McWilliams, High School Counselor

Laura Averette, CTE Administrative Assistant

CTE Guide Contents

NOTE: The courses listed in this guide are subject to change and may only be available based on level of student interest. Courses may alternate yearly due to number of students interested in the courses offered.

Business & Industry Endorsement/Pathways

Agriculture, Food, & Natural Resources

Pathway	Oil & Gas Production Basic	
	9th	Professional Communication or Business Information Mgmt
	10th	Agricultural Mechanics and Metal Technologies
	11th	Wildlife, Fisheries, and Ecology Management or Oil & Gas Production I
	12th	Oil & Gas Production I and General Employability or Oil & Gas Production II

Pathway	Wildlife Management	
	9th	Business Information Mgmt.
	10th	Professional Communication
	11th	Agricultural Mechanics and Metal Technologies
	12th	Wildlife, Fisheries, and Ecology Management

Architecture & Construction

Pathway	Construction Tech w/ Interior Design	
	9th	Professional Communication or Business Information Mgmt
	10th	Principles of Construction
	11th	Interior Design
	12th	Construction Tech I (Prerequisite: Principles of Construction) and General Employability

Pathway	Construction Tech Advanced	
	9th	Professional Communication or Business Information Mgmt
	10th	Principles of Construction
	11th	Construction Tech I (Prerequisite: Principles of Construction)
	12th	Construction Tech II (Prerequisite: Principles of Construction and Construction Tech I)

Pathway	Construction Tech Basic	
	9th	Professional Communication or Business Information Mgmt
	10th	Principles of Construction
	11th	Construction Tech I (Prerequisite: Principles of Construction)
	12th	Career Prep I

Business Practices

Pathway	General Business	
	9th	Professional Communication or Business Information Mgmt
	10th	Principles of Information Technology or Money Matters
	11th	Accounting I
	12th	General Employability

Pathway	Business I	
	9th	Professional Communication or Business Information Mgmt
	10th	Principles of Information Technology
	11th	Digital Media or Money Matters
	12th	Accounting I and General Employability

Pathway	Business II	
	9th	Professional Communication or Business Information Mgmt
	10th	Principles of Information Technology
	11th	Digital Media
	12th	Web Tech and General Employability

Pathway	Business Real Estate	
	9th	Professional Communication or Business Information Mgmt
	10th	Interior Design
	11th	Accounting I
	12th	Real Estate and General Employability

Transportation & Logistics

Pathway	Automotive Technology Basic	
	9th	Professional Communication or Business Information Mgmt
	10th	Energy Power Systems
	11th	Agricultural Mechanics and Metal Technologies
	12th	Auto Tech I and General Employability

Pathway	Automotive Technology Advanced	
	9th	Professional Communication or Business Information Mgmt
	10th	Energy Power Systems
	11th	Auto Tech I
	12th	Auto Tech II and General Employability

Welding--Manufacturing

Pathway	Welding Foundational	
	9th	Professional Communication or Business Information Mgmt
	10th	Agricultural Mechanics and Metal Technologies
	11th	Intro to Welding
	12th	Welding I (Prerequisite: Intro to Welding)

Pathway	Welding Advanced	
	9th	Professional Communication or Business Information Mgmt
	10th	Intro to Welding
	11th	Welding I (Prerequisite: Intro to Welding)
	12th	Welding II (Prerequisite: Intro to Welding and Welding I)

Hospitality & Tourism

Pathway	Hospitality & Tourism	
	9th	Professional Communication or Business Information Mgmt
	10th	Principles of Hospitality & Tourism
	11th	Intro to Culinary Arts
	12th	Culinary Arts*

Pathway	Hospitality & Tourism	
	9th	Professional Communication or Business Information Mgmt
	10th	Principles of Hospitality & Tourism **AND** Intro to Culinary Arts
	11th	Culinary Arts*
	12th	Practicum in Culinary Arts*

Arts/Audio-Visual/Communication

Pathway	Communication-Yearbook/Journalism	
	9th	Professional Communication or Business Information Mgmt
	10th	Printing & Imaging Technology I
	11th	Printing & Imaging Technology II (Prerequisite: PIT I)
	12th	Audio/Video Production

Pathway	Arts-Fashion/Journalism	
	9th	Professional Communication or Business Information Mgmt
	10th	Printing & Imaging Technology I
	11th	Fashion Design I
	12th	Audio/Video Production

Pathway	Arts-Fashion	
	9th	Professional Communication
	10th	Business Information Management
	11th	Fashion Design I
	12th	Fashion Design II with Lab

Public Services Endorsement/Pathways

Human Services

Pathway	Child Development Basic	
	9th	Business Information Mgmt
	10th	Lifetime Nutrition & Wellness
	11th	Child Development
	12th	Career Prep I

Pathway	Child Guidance	
	9th	Business Information Mgmt
	10th	Principles of Education & Training
	11th	Child Development
	12th	Child Guidance (Dual Credit course via Howard College)

Pathway	Education & Training (Teaching Pathway)	
	9th	Principles of Education & Training
	10th	Child Development
	11th	Instructional Practices in Education & Training
	12th	EDU 1301 and EDU 2301 (Dual Credit via Howard College)

Health Science

Pathway	Certified Nurses Assistant	
	9th	Professional Communication or Business Information Mgmt
	10th	Anatomy & Physiology
	11th	Medical Terminology (Dual Credit via Howard College)
	12th	CNA Program & Phlebotomy via Howard College

Law & Public Safety

Pathway	Criminal Justice	
	9th	Business Information Mgmt
	10th	Money Matters
	11th	Forensic Science
	12th	Criminal Justice (Dual Credit via Howard College)

Law & Public Safety

Pathway	Criminal Justice	
	9th	Business Information Mgmt
	10th	Money Matters
	11th	Law Enforcement I & Law Enforcement II via Howard College dual credit
	12th	Forensic Science

Human Services--Cosmetology

Pathway	Cosmetology	
	9th	Business Information Mgmt & Prof. Communications
	10th	Money Matters
	11th	Cosmetology via Howard College
	12th	Cosmetology via Howard College

**Additional CTE Courses that can be added to any pathway are:

Money Matters (Grades 9-12)

Financial Math (Grade 12)

General Employability (Grade 12)

Career Preparation I and II (Grades 11-12)

Howard College CTE Opportunities

There are multiple opportunities for students to earn dual credit through CTE courses that are offered via Howard College above and beyond what are listed in this guide's stated pathways. If your student has an interest in pursuing additional dual credit courses related to any of our campus offered CTE programs, talk to the grade level counselor to start a plan.

What is dual credit?

Dual credit is a process through which a student may earn high school credit for successfully completing a college course that provides advanced academic instruction beyond, or in greater depth than, the Texas Essential Knowledge and Skills (TEKS) for a corresponding high school course.

Industry Certifications

Students will have multiple opportunities to earn industry related and accepted certifications. These certifications are recognizable in the world of work, and will show to potential employers, that they are "work" ready.

- **Welding**
- **Auto Tech**
- **Construction Tech**
- **Food Handlers**
- **CPR**
- **Microsoft Office Word/ExCEL**
- **Real Estate**

Course Descriptions

Agricultural Mechanics and Metal Technologies (AgMechTech)

Agricultural Mechanics and Metal Technologies is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. (1 credit)

Wildlife, Fisheries, and Ecology Management

Wildlife, Fisheries, and Ecology Management examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. (1 credit)

Oil and Gas Production I

In Oil and Gas Production I, students will identify specific career opportunities, skills, abilities, tools, certification, and safety measures associated with each career. Students will also understand components, systems, equipment, production, and safety regulations associated with oil and gas wells. (1 credit)

Oil and Gas Production II

In Oil and Gas Production II, students will gain knowledge of the specific requirements for entry into post-secondary education and employment in the petroleum industry; research and discuss petroleum economics; research and discuss the modes of transportation in the petroleum industry; research and discuss environmental, health, and safety concerns; research and discuss different energy sources; and prepare for industry certification. Prerequisite: Oil and Gas Production I (1 credit)

Principles of Construction

Principles of Construction is intended to provide an introduction and lay a solid foundation for those students entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools. This course also provides communication and occupation skills to assist the student in obtaining and maintaining employment. (1 credit)

Construction Technology I

In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. (2 credits)

Construction Technology II

In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians or supervisors, or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills. Prerequisite: Construction Technology I (2 credits)

Fashion Design I

In Fashion Design I, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction, as well as safety using industry related tools and equipment. (1 credit)

Fashion Design II

In Fashion Design II, students will be expected to develop an understanding of the fashion industry with an emphasis on design and construction, and build skills based on the knowledge base from Fashion Design I. Prerequisite: Fashion Design I (2 credits)

Printing & Imaging Technology I

Careers in printing span all aspects of the industry, including pre-press, press, and finishing and bindery operations. 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 printing industry with a focus on digital pre-press and digital publishing. (1 credit)

Printing & Imaging Technology II

Printing and Imaging Technology II students will be expected to develop an advanced understanding of the printing industry with a focus on digital pre-press and desktop digital publishing, building on skills and knowledge base from Printing and Imaging Technology I. (1 credit)

Audio/Video Production

Audio/Video Production students will be expected to develop an understanding of the industry with a focus on pre-production, production, post-production audio, and video products. Must have taken Printing and Imaging Technology I & II. (1 credit)

Digital Media

In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students will 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 will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment. (1 credit) (This course may alternate yearly with Audio/Video Production)

Principles of Information Technology

In Principles of Information Technology, students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment. (1 credit)

Money Matters

In Money Matters, students will investigate money management from a personal financial perceptive. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocating, risk management, retirement planning, and estate planning. (1 credit)

Accounting I

In Accounting I, students will 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 will reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students will formulate and interpret financial information for use in management decision making. Accounting includes such activities as bookkeeping, systems design, analysis, and interpretation of accounting information. (1 credit)

Financial Mathematics

Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. (Grade 12)(Meets a Math requirement) (1 credit)

Anatomy & Physiology

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis. (Meets a Science requirement) (1 credit)

Medical Terminology

The Medical Terminology course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, singular and plural forms, and medical abbreviations. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology. (1 credit) (Dual Credit via Howard College)

Principles of Hospitality & Tourism

Principles of Hospitality and Tourism introduces students to an industry that encompasses lodging, travel and tourism, recreation, amusements, attractions, and food/beverage operations. Students learn 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 in that industry. (1 credit)

Culinary Arts

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification or other appropriate industry certifications. This course is offered as a laboratory-based course. (2 credits)

Practicum in Culinary Arts

Practicum in Culinary Arts is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts integrates 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 culinary art based workplace. (2 credits)

Introduction to Culinary Arts

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course. (1 credit)

Child Development

Child Development is a technical laboratory course that 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. (1 credit)

Child Guidance

Child Guidance is a technical laboratory course that 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. Instruction may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring, and job shadowing. (2 credits) (Dual Credit via Howard College, on BSHS campus)

Cosmetology I

In Cosmetology I, students coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. (Howard College campus) (2 credits)

Cosmetology II

In Cosmetology II, students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies, and materials; and practical skills. (Howard College campus) (2 credits)

Web Tech

In Web Technologies, students will learn to make informed decisions and apply the decisions to the field of IT. Students will 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 will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment. (1 credit)

Forensic Science

Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science. (Meets a Science requirement) (1 credit)

Criminal Justice

These courses are available via Howard College and taught on their campus in Big Spring. For more information, talk to grade level counselor. (Dual credit via Howard College)

Intro to Welding

Introduction to Welding will introduce welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes. Topics include: industrial safety and health practices, hand tool and power machine use, measurement, laboratory operating procedures, welding power sources, welding career potentials, and introduction to welding codes and standards. Introduction to Welding will provide students with the knowledge, skills, and technologies required for employment in welding industries. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills will prepare students for future success. (1 credit)

Welding I

Welding I provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success. (2 credits)

Welding II

Welding II builds on the knowledge and skills developed in Welding I. Students will develop advanced welding concepts and skills as related to personal and career development. Students will integrate 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. (2 credits)

Professional Communications

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. (1 credit)

Robotics I

In Robotics I, students will transfer academic skills to component designs in a project-based environment through implementation of the design process. Students will build prototypes or use simulation software to test their designs. Additionally, students will explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. (1 credit)

Robotics II

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. (Meets a Math requirement) (1 credit)

Real Estate Fundamentals

This course contains the curriculum necessary to complete the pre-licensure education requirements of the Texas Real Estate Commission (TREC) to obtain a real estate salesperson license. Includes the following TREC course materials: Principles of Real Estate I and II, Law of Contracts, Law of Agency, Real Estate Finance, and Promulgated Contract Forms. (Online program on BSHS campus) (2 credits)

Energy and Power of Transportation Systems

Energy and Power of Transportation Systems will prepare students to meet the expectations of employers in this industry and to interact and relate to others. Students will learn the technologies used to provide products and services in a timely manner. The businesses and industries of the Transportation, Distribution, and Logistics Career Cluster are rapidly expanding to provide new career and career advancement opportunities. Performance requirements will include academic and technical skills. Students will need to understand the interaction between various vehicle systems, including engines, transmissions, brakes, fuel, cooling, and electrical. Students will also need to understand the logistics used to move goods and services to consumers, as well as the components of transportation infrastructure. (1 credit)

Auto Tech I

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

Auto Tech II

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

General Employability

This course will provide instruction in general employability skills as well as the pre-requisite skills for general employability. Employability skills are the skills and attitudes that allow employees to get along with their co-workers, make important work-related decisions and become strong members of the work team. (Grade 11-12) (1 credit)

Career Preparation I & II

This course provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. Must be at least 16 years old & work at least 15 hours a week. (2-3 credits)

Career & Technical Student Organizations (CTSOs)

Career and Technical Student Organizations (CTSOs) play a vital part in a student's career and technical education. CTSOs enrich student learning that starts in the classroom, build strong partnerships between industries and future employees, and provide future career experience that students carry into their careers and communities. They help the student develop into a more well-rounded individual that is better prepared for their future careers and pathways.

BSHS Career & Technical Student Organizations are:

- **Family, Career, & Community Leaders of America (FCCLA)**
- **Skills USA**
- **Business Professionals of America (BPA)**

Family Career & Community Leaders of America (FCCLA)

FCCLA: The Ultimate Leadership Experience is unique among youth organizations because its programs are planned and run by members. It is the only career and technical in-school student organization with family as its central focus. Participation in national programs and chapter activities helps members become strong leaders in their families, careers and communities. The organization focuses on multiple career pathways. (Competitions are available for student participation)

Skills USA

SkillsUSA is a partnership of students, teachers and industry representatives working together to ensure America has a skilled workforce. SkillsUSA helps each student to excel. SkillsUSA is a national organization serving teachers and high school and college students who are preparing for careers in technical, skilled and service occupations, including health occupations and for further education. SkillsUSA was formerly known as VICA (the Vocational Industrial Clubs of America). (Competitions are available for student participation)

Business Professionals of America (BPA)

Business Professionals of America is for students pursuing careers in business management, information technology, finance, office administration and other related career fields. (Competitions are available for student participation)

Resources Used to Create this Guide:

- **Texas CTE Resource Center** https://www.txcte.org/
- **Big Spring ISD resources & website**
  http://www.bsisd.esc18.net/
- **CTSO websites:**
  FCCLA https://www.texasfccla.org/
  BPA https://www.texasbpa.com/
  Skills USA https://www.skillsusatx.org/