

CAREER & TECHNICAL EDUCATION - PROGRAMS OF STUDY - AT A GLANCE					
PROGRAM OF STUDY	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	ALIGNED IBC
AGRICULTURE, FOOD, AND NATURAL RESOURCES					
ANIMAL SCIENCE	Principles of Agriculture, Food, and Natural Resources	Small Animal Management Entrepreneurship	Livestock Production	Practicum in Agriculture, Food, and Natural Resources* Veterinary Medical Applications Career Preparation for Programs of Study	*Certified Veterinary Assistant Level 1
AGRICULTURAL TECHNOLOGY AND MECHANICAL SYSTEMS		Agricultural Mechanics and Metal Technologies	Agricultural Structures Design and Fabrication*	Practicum in Agriculture, Food, and Natural Resources Career Preparation for Programs of Study	*American Welding Society
ENVIRONMENTAL AND NATURAL RESOURCES		Wildlife, Fisheries, and Ecology Management	Student Choice		
PLANT SCIENCE		Landscape Design and Management Entrepreneurship	Floral Design* Horticultural Science	Advanced Floral Design** Practicum in Agriculture, Food, and Natural Resources** Career Preparation for Programs of Study	*Texas State Florists' Association Knowledge Based **Texas State Florists' Association Level 1 **Texas State Florists' Association Level 2
ARCHITECTURE AND CONSTRUCTION					
ARCHITECTURAL DRAFTING AND DESIGN	Student Choice	Architectural Design I* Interior Design I	Architectural Design II**	Career Preparation for Programs of Study	*Autodesk Certified User in AutoCAD **Adobe Certified User in Revit Architecture
ARTS, AUDIO VISUAL TECHNOLOGY, AND COMMUNICATIONS					
AUDIO/VIDEO PRODUCTION	Principles of Arts, Audio/Video Technology, and Communications Professional Communications	Audio/Video Production I* Entrepreneurship	Audio/Video Production II/Lab*	Career Preparation for Programs of Study	*Adobe Certified Professional in Premiere Pro
FASHION DESIGN	Principles of Arts, Audio/Video Technology, and Communications	Fashion Design I Entrepreneurship	Fashion Design II/Lab		
GRAPHIC DESIGN		Graphic Design and Illustration I* Entrepreneurship	Graphic Design and Illustration II**		*Adobe Certified Professional in Illustrator/Photoshop **Adobe Certified Professional in Illustrator/InDesign/Photoshop
ANIMATION	Principles of Arts, Audio/Video Technology, and Communications Video Game Design	Animation I Entrepreneurship	Student Choice		
VIDEO GAME PROGRAMMING		Video Game Programming Entrepreneurship			
BUSINESS, MARKETING, AND FINANCE					
ACCOUNTING AND FINANCIAL SERVICES	Principles of Business, Marketing, and Finance Business Information Management I	Accounting I Entrepreneurship	Accounting II Honors*	Career Preparation for Programs of Study	*Intuit Quickbooks Certified User
BUSINESS MANAGEMENT		Business Information Management II** Business Law Entrepreneurship*	Global Business		*Entrepreneurship and Small Business **Microsoft Office Specialist: Access Expert/Excel Expert/Word Expert
ENTREPRENEURSHIP		Entrepreneurship*	Student Choice		*Entrepreneurship and Small Business
MARKETING AND SALES	Principles of Business, Marketing, and Finance	Entrepreneurship* Fashion Marketing Sports and Entertainment Marketing	Social Media Marketing**		*Entrepreneurship and Small Business **Stukent Social Media Marketing
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EDUCATION AND TRAINING					
TEACHING AND TRAINING	Principles of Human Services	Child Development	Instructional Practices (Intro to Teaching)*	Practicum in Education and Training* Career Preparation for Programs of Study	*Educational Aide I
ENGINEERING					
ENGINEERING FOUNDATIONS	Principles of Applied Engineering Introduction to Computer-Aided Design and Drafting	Student Choice	Aerospace Engineering (PLTW) Digital Electronics (PLTW) Engineering Design and Development (PLTW) Engineering Science (PLTW)	Career Preparation for Programs of Study	
HEALTH SCIENCE					
DIAGNOSTIC AND THERAPEUTIC SERVICES	Principles of Health Science	Disaster Response Medical Terminology	Anatomy and Physiology Health Science Theory	Practicum in Health Science I Practicum in Health Science II* Pharmacology** Career Preparation for Programs of Study	*Patient Care Technician **Pharmacy Technician
NURSING SCIENCE					*Patient Care Technician
HEALTH INFORMATICS	Principles of Health Science Business Information Management I	Medical Terminology	Health Science Theory	Practicum in Health Science I Practicum in Health Science II World Health and Emerging Technologies	
HOSPITALITY AND TOURISM					
CULINARY ARTS	Principles of Hospitality and Tourism Introduction to Culinary Arts	Culinary Arts Entrepreneurship	Student Choice	Food Science* Practicum in Culinary Arts** Career Preparation for Programs of Study	*Pre-Professional Certification in Food Science Fundamentals **ServSafe Manager
TRAVEL, TOURISM, AND ATTRACTIONS		Entrepreneurship* Sports and Entertainment Marketing	Global Business	Career Preparation for Programs of Study	*Entrepreneurship and Small Business
HUMAN SERVICES					
HEALTH AND WELLNESS	Dollars and Sense Principles of Human Services	Child Development Lifetime Nutrition and Wellness	Counseling and Mental Health	Food Science* Career Preparation for Programs of Study	*Pre-Professional Certification in Food Science Fundamentals
INFORMATION TECHNOLOGY					
CYBERSECURITY	Foundations of Cybersecurity Fundamentals of Computer Science	AP Computer Science Principles Computer Science I Internetworking Technologies I	AP Computer Science A Internetworking Technologies II	Career Preparation for Programs of Study	
PROGRAMMING AND SOFTWARE DEVELOPMENT	Fundamentals of Computer Science	AP Computer Science Principles Computer Science I	AP Computer Science A Computer Science II	Computer Science III Honors* Career Preparation for Programs of Study	*Information Technology Specialist: Java
LAW AND PUBLIC SERVICE					
LAW ENFORCEMENT	Principles of Law, Public Safety, Corrections, and Security	Law Enforcement I	Law Enforcement II Counseling and Mental Health	Forensic Science Career Preparation for Programs of Study	
EMERGENCY SERVICES		Disaster Response	Anatomy and Physiology Counseling and Mental Health	Career Preparation for Programs of Study	
TRANSPORTATION, DISTRIBUTION, AND LOGISTICS					
AUTOMOTIVE AND COLLISION REPAIR	Student Choice	Collision Repair** Entrepreneurship	Automotive Technology I: Maintenance and Light Repair* Paint Refinishing**	Automotive Technology II: Automotive Service* Career Preparation for Programs of Study	*ASE Entry-Level: Automotive Series **ASE Entry-Level: Collision Series
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