

AISD's CTE Offerings Overview

Agriculture, Food & Natural Resources Cluster

The Agriculture, Food & Natural Resources Career Cluster focuses on the essential elements of life-- food, water, land and air. Lanier High School has three pathways in this cluster: Welding/Fabrication, Floral Design, and Veterinary Science. Students can earn the following certifications: Floral Design Certification, Level One and Level Two, OSHA-10 hr. Certification (Agriculture), OSHA-10 hr. Certification (General), Start Safe Stay Safe Workplace Training Certificate, and Veterinary Assistant, Certified. AISD has a total of five uniquely different Agriculture programs.

Architecture & Construction Cluster

The Architecture & Construction Career Cluster focuses on designing, planning, building, and maintaining the built environment. Crockett High School has a pathway in Construction Technology. Students can earn the following certifications: Construction Technologist Certification, CPR with AED and First Aid Certification, Introductory Craft Skills: Core Assessment, and OSHA-10 hr. Certification (Construction). AISD has a two Construction programs.

Arts, Audio/Video Technology and Communications Cluster

The Arts, A/V Technology and Communications 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. LASA High School has four pathways in this cluster: Audio, Video Technology and Film, Graphic Design- Newspaper, Graphic Design- Yearbook, and Graphic Design. Students will create a portfolio in their classes. AISD has a total of thirteen uniquely different Arts and A/V programs.

Business Management and Administration Cluster

The Business Management and Administration Career Cluster focuses on careers in planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. Akins High School has one Business pathway, Business Management. Students at Akins also have the opportunity to intern at the A+ Federal Credit Union that is located on campus. Students can earn the following certifications: Microsoft Office Expert Certification-Excel, Microsoft Office Expert Certification-Word, Microsoft Office Specialist Certification-Excel, Microsoft Office Specialist Certification-Powerpoint, and Microsoft Office Specialist Certification-Word. AISD has a total of eight Business Management programs.

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Education and Training Cluster

The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services. Bowie High School offers a Teaching pathway. Students can earn the following certifications: CPR with AED and First Aid Certification and Para-Educator Certificate (Austin ISD). AISD has a total of four Education and Training programs.

Finance Cluster

The Finance Career Cluster encompasses careers that focus on planning, services for financial and investment planning, banking, insurance, and business financial management. McCallum High School has a Banking pathway. Students can earn their QuickBooks Certified User certification. AISD offers three Finance programs.

Government and Public Administration Cluster

The Government and Public Administration Career Cluster focuses on planning and performing governmental functions at the local, state, and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations. Akins, Bowie, Reagan, and Travis have JROTC Military programs.

Health Science Cluster

The Health Science Career Cluster focused on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. Akins High School has three Health Science pathways: Biomedical Science, Support Services- Environmental Scientist, and Therapeutic Services (Nursing, Pharmacy and medical Assistant). Students can earn the following certifications: Certified Billing & Coding Specialist, Certified Clinical Medical Assistant Certification, Certified Medical Administrative Assistant, Certified Nurse Aide-Texas, Community Emergency Response Team, CPR for Healthcare Provider Certification, CPR with AED and First Aid Certification, OSHA-10 hr. Certification (Healthcare), and Pharmacy Technician, Certified. AISD has a total of eleven unique Health Science programs.

Hospitality and Tourism 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. Travis High School has two Hospitality and Tourism pathways: Culinary Arts and Travel and Tourism. Students can earn the following certifications: CPR w/AED & First Aid, Food Allergens Essentials, ServSafe Manager Certification, Texas Alcoholic Beverage Commission Certification, and Texas Food Handlers Certification. AISD has a total of five Hospitality and Tourism programs.

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Human Services 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. Clifton Development Center has one Human Service pathway, Early Childhood. Students can earn the following certifications: Cosmetology Operator License, Texas, CPR w/AED & First Aid, Shaken Baby Syndrome, and Texas Food Handlers Certification. AISD has a total of four unique Human Services programs.

Information Technology Cluster

The Information Technology 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. Akins High School has three IT pathways: Network Systems, Cybersecurity, and Programming/ Software Development. Students can earn the following certifications: CompTIA A+ Certification, CompTIA Network+ Certification, CompTIA Strata IT Fundamentals Certification. AISD has a total of seven different IT programs.

Law, Public Safety, Corrections and Security Career Cluster

The Law, Public Safety, Corrections, and Security Career Cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services. LBJ High School has one Law pathway, Fire Management Services. Students can earn the following certifications: Community Emergency Response Team, CPR Healthcare Provider, CPR with AED and First Aid Certification, Correctional Services Professional (TXPSTA), Criminal Justice Practitioner (TCIC), Emergency Medical Dispatch, Emergency Medical Technician-Basic Certification, Municipal Jailer Certification, Objective Jail Classification Certification, Security Level 2 Certification, Stop the Bleed Training Certificate, and Structure Fire Protection Certification-Basic (TCFP). AISD has six uniquely different Law programs.

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. AISD currently offers no Manufacturing pathways.

AISD's CTE Offerings Overview

Marketing Cluster

The Marketing Career Cluster focuses on planning, managing, and performing marketing activities to reach organizational objectives. AISD currently offers no Marketing pathways.

Science, Technology, Engineering and Mathematics Cluster

The 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. Anderson High School has four STEM pathways: Biotechnology, Electronics, Engineering-Mechanical, and Robotics. Students can earn the following certifications: AutoCAD Certified User, Autodesk Inventor Certified User, and Autodesk Revit Architecture Certified Professional. AISD currently offers thirteen STEM programs.

Transportation, Distribution and Logistics 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 and related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance. Reagan High School has two Transportation pathways: Automotive Service and Collision Repair. Students can earn the following certifications: Certified Automotive Information Specialist, Introduction to Automobile Service Certificate, Mitchell Manager SE Training Certificate, Online Refrigerant Recovery & Recycling Certification, and Safety and Pollution Prevention Certificate. AISD currently offers four Transportation programs.