

Career and Technical Education

OPTIONS & OPPORTUNITIES





CTE MISSION

Our mission is to provide opportunities for students to acquire 21st century academic and technical skills needed for entry into the global workforce and/or postsecondary education in order to become contributing members of their community.

CTE VISION

All Career and Technical Education students will graduate ready for college, career and life in a global, multicultural society.

»» WHAT IS CAREER AND TECHNICAL EDUCATION?

Career and Technical Education provides students with the academic knowledge and technical skills they need to gain entry to high-skill, high-wage, and high-demand industries. CTE provides work-based learning experiences that combines hands-on learning with real-world scenarios so students are prepared to enter the workforce or college after they graduate high school. CTE courses are dynamic and engaging, giving students a platform to find their passion and make a career of it. CTE helps all students prepare for college, career and life with options for earning college credit, industry credentials and postsecondary

awards such as certifications and associate degrees.

There are 16 national career clusters which guide students through a planned program of study. Admission to these courses is based on a student's interest and aptitude as well as availability.

Students in CTE programs experience vibrant learning in a focused plan of study, so when they graduate from AISD, they are skilled, knowledgeable and ready to succeed.

»» CAREER CLUSTERS/PATHWAYS TO ENDORSEMENT

CTE offers recommended sequences of courses based on student interests, goals, and aptitudes which align to the national 16 career clusters that guide students through a planned program of study. Students work with their high school counselor to develop an individualized four-year plan that outlines the program of study through which the student can earn an endorsement upon graduation. The endorsement recognizes a student's concentrated study in a pathway that progresses from foundational knowledge in introductory courses to advanced level study and experiences. There are five endorsements available in Texas, and CTE offers three: Science, Technology, Engineering & Math (STEM), Public Service and Business/Industry. The career clusters at Austin ISD align with state and federal standards.

»» POSTSECONDARY CONNECTIONS

By the time CTE students graduate from high school, they can be well on their way to a successful career, having already earned industry credentials or college credit and/or having participated in work-based learning. This is all in addition to the relevant hands-on learning CTE students experience in the classroom and laboratory.

»» INDUSTRY-BASED CERTIFICATIONS

Industry-based certifications position CTE students a step ahead of other applicants for employment in industry. Students earning an Industry-Based Certification possess the knowledge and skills necessary to be successful in a specific career. Earning these credentials shows that students are experienced in real-world industry skills which makes them more competitive in the job market. Each unique CTE Program of Study offers opportunities for students to earn Industry-based certifications. Some certifications have age and/or specific industry requirements. See the CTE teacher at your campus for detailed pathway information.

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AGRICULTURE, FOOD & NATURAL RESOURCES

The study of processing, production, distribution, financing and development of agricultural, agricultural commodities and natural resources.

CAMPUSES WITH AGRICULTURE PROGRAMS

- Akins Early College High School
- Clifton Career Development Center
- Bowie High School
- Navarro Early College High School

CERTIFICATIONS

- OSHA 10-hr. Certification (Healthcare)
- Certified Veterinary Assistant
- OSHA 10-hr. Certification (Agricultural)
- OSHA 10-hr. Certification (General)
- AWS D.1 Structural Steel
- AWS D9.1 Sheet Metal Welding
- Texas State Floral Association Level I
- Texas State Floral Association Level II
- Texas State Floral Association Floral Skills Knowledge Based
- Leave No Trace Certification
- Texas Angler Education Certification
- Texas Hunter Education Certification
- CPR w/AED and First Aid Certification
- Start Safe. Stay Safe Workplace Training Certificate
- Heartsaver CPR/ AED First Aid
- Certified Interpretive Guide
- Texas Food Handlers License

CTE PROGRAMS OF STUDY/OFFERED COURSES

Animal Science

- Principles of Agriculture, Food & Natural Resources
- Small Animal Management
- Equine Science
- Veterinary Medical Applications
- Advanced Animal Science
- Practicum in Agriculture, Food & Natural Resources
- Livestock Production

Applied Agricultural Engineering

- Principles of Agriculture, Food, and Natural Resource
- Agricultural Mechanics & Metal Technologies/Lab
- Agricultural Structures Design & Fabrication/Lab
- Practicum in Ag, Food, & Natural Resources

Plant Science

- Principles of Agriculture, Food, & Natural Resources
- Landscape Design & Management
- Turf Grass Management
- Floral Design
- Advanced Floral Design
- Horticultural Science
- Practicum in Ag, Food, & Natural Resources
- Advanced Plant and Soil Science



ARCHITECTURE & CONSTRUCTION

The Architecture and Construction Career Cluster focuses on designing, planning, managing, building and maintaining the constructed environment.

CAMPUSES WITH ARCHITECTURE PROGRAMS

- Crockett Early College High School
- Travis Early College High School
- Navarro Early College High School

CERTIFICATIONS

- ACC Carpentry Specialization Level I Certification
- NCCER Carpentry Level I
- NCCER Commercial Carpenter
- NCCER Commercial Electrician
- NCCER Core Level I
- OSHA-10 hr. Certification (Construction)
- OSHA-30 hr. Certification

CTE PROGRAMS OF STUDY/OFFERED COURSES

Carpentry

- Principles of Construction
- Construction Technology I
- Construction Technology II
- Practicum in Construction Technology

Electrical (Trio)

- Electrical Technology I
- Electrical Technology II
- Practicum in Construction Technology
- Career Preparation I
- General Employability Skills
- Applied Math for Technical Professionals
- Extended Practicum in Construction Technology



ARTS/AV TECHNOLOGY & COMMUNICATIONS

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.

CAMPUSES WITH PROGRAMS IN ARTS/AV

- Akins Early College High School
- Anderson High School
- Ann Richards School for Young Women Leaders
- Austin High School
- Bowie High School
- Crockett Early College High School
- Eastside Early College High School
- LBJ Early College High School
- Liberal Arts and Science Academy
- McCallum High School
- Navarro Early College High School
- Northeast Early College High School
- Travis Early College High School

CERTIFICATIONS

- Adobe Certified Associate After Effects
- Adobe Certified Associate Animate
- Adobe Certified Associate Illustrator
- Adobe Certified Associate InDesign
- Adobe Certified Associate Photoshop
- Adobe Certified Associate Premiere Pro
- Adobe Certified Expert InDesign
- Adobe Certified Expert Photoshop
- Apple Final Cut Pro X
- Precision Exams
- Unity Certified Programmer

CTE PROGRAMS OF STUDY/OFFERED COURSES

Design & Multimedia Arts

- Principles of Arts, A/V Technology, & Communications
- Video Game Design
- Digital Media
- Graphic Design and Illustration I & II
- Animation I & II
- Commercial Photography I & II
- Digital Arts and Animation
- Web Development (Eastside Program Change form)
- Practicum in Graphic Design & Illustration
- Practicum in Animation
- Practicum in Commercial Photography

Digital Communications

- Principles of Arts, A/V Technology, & Communications
- Audio/Video Production I & II
- Digital Audio Technology I & II
- Practicum in Audio/Video Production



BUSINESS MARKETING & FINANCE

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

CAMPUSES WITH PROGRAMS IN BUSINESS, MARKETING & FINANCE

- Akins High School
- Anderson High School
- Austin High School
- Bowie High School
- Crockett Early College High School
- International High School
- LBJ Early College High School
- McCallum High School
- Navarro Early College High School
- Northeast Early College High School

CERTIFICATIONS

- Entrepreneurship and Small Business
- QuickBooks Certified User
- Microsoft Office Expert - Excel
- Microsoft Office Expert - Word
- Microsoft Office Specialist Excel
- Microsoft Office Specialist PowerPoint
- Microsoft Office Specialist Word
- OSHA-10 hr. Certification (General)

CTE PROGRAMS OF STUDY/OFFERED COURSES

Accounting and Financial Services

- Principles of Business, Marketing & Finance
- Money Matters
- Business Information Management I
- Accounting I & II
- Practicum in Business Management

Business Management

- Principles of Business, Marketing & Finance
- Business Information Management I
- Business Management
- Practicum in Business Management

Entrepreneurship

- Principles of Business, Marketing & Finance
- Business Information Management I
- Entrepreneurship I & II
- Mobile Application Development
- Practicum in Business Management
- Project Based Research



EDUCATION & TRAINING



The Education and Training Career Cluster focuses on planning, managing, and providing education and training services and related learning support services.

CAMPUSES WITH PROGRAMS IN EDUCATION

- Akins High School
- Bowie High School
- Navarro Early College High School

CERTIFICATIONS

- AISD Elementary Substitute Certificate
- AISD Para-Educator Certificate
- Babysitter Certification (Red Cross)
- Educational Aide 1
- Heartsaver CPR/AED First Aid
- Shaken Baby Syndrome Certificate
- Texas Food Handlers License

CTE PROGRAMS OF STUDY/OFFERED COURSES

Teaching and Training

- Principles of Education & Training
- Principles of Human Services
- Human Growth and Development
- Child Development
- Communication and Technology in Education
- Instructional Practices
- Practicum in Education & Training
- Project Based Research
- Career Preparation I



HEALTH SCIENCE

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development.

CAMPUSES WITH PROGRAMS IN HEALTH SCIENCE

- Akins Early College High School
- Bowie High School
- Clifton Career Development School
- Eastside Memorial Early College High School
- LBJ Early College High School
- Navarro Early College High School
- Northeast Early College High School
- Travis Early College High School

CERTIFICATIONS

- BLS CPR/AED for Healthcare Professionals
- Heartsaver CPR/AED
- Heartsaver CPR/AED First Aid
- Certified EKG Technician
- Certified Personal Trainer
- Pharmacy Technician
- Clinical Medical Assistant
- OSHA-10 hr. Certification (Healthcare)
- Patient Care Technician
- Start Safe.Stay Safe Workplace Training Certificate

CTE PROGRAMS OF STUDY/OFFERED COURSES

Healthcare Diagnostics

- Principles of Health Science
- Medical Terminology
- Health Science Theory
- Practicum in Health Science 1 – Clinical
- Practicum in Health Science 1 – Pharmacy Technician
- Practicum in Health Science 1 & 2 – Certified Nurse Aide
- Practicum in Health Science 1 – Fitness Trainer
- Practicum in Health Science 1 – Emergency Medical Technician
- Practicum in Health Science 2 – Certified Clinical Medical Assistant
- Anatomy & Physiology
- Medical Microbiology
- Pathophysiology
- World Health Research
- Principles of Biomedical Science
- Human Body Systems
- Medical Interventions

Healthcare Therapeutic

- Principles of Health Science
- Medical Terminology
- Anatomy & Physiology
- Health Science Theory
- Practicum in Health Science
- Medical Microbiology



HOSPITALITY & TOURISM

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.

CAMPUSES WITH PROGRAMS IN HOSPITALITY & TOURISM

- Anderson High Schools
- Austin High School
- Bowie High School
- Clifton Career Development School
- Travis Early College High School

CERTIFICATIONS

- Heartsaver CPR/AED First Aid
- Food Allergens Essentials Certification
- Hospitality Certificate (AHLA)
- OSHA-10 hr. Certification (General)
- ServSafe Manager Certification
- Start Safe.Stay Safe Workplace Training Certificate
- Texas Alcoholic Beverage Commission Certification
- Texas Food Handlers License

CTE PROGRAMS OF STUDY/ OFFERED COURSES

Culinary Arts

- Introduction to Culinary Arts
- Principles of Hospitality and Tourism
- Culinary Arts
- Advanced Culinary Arts
- Practicum in Culinary Arts

Lodging and Resort Management

- Principles of Hospitality and Tourism
- Travel and Tourism Management
- Hospitality Services
- Practicum in Hospitality Services



HUMAN SERVICES

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

CAMPUSES WITH PROGRAMS IN HUMAN SERVICES

- Akins Early College High School
- Clifton Development Center
- Crockett Early College High School
- Navarro Early College High School

CERTIFICATIONS

- AISD Elementary Substitute Certificate
- Barbicide Certified
- Community Health Worker Certification
- Cosmetology Operator License
- Heartsaver CPR/AED First Aid
- OSHA-10 hr. Certification (General)
- Paraeducator Certificate (Austin ISD)
- Shaken Baby Syndrome Certificate
- Texas Food Handlers License

CTE PROGRAMS OF STUDY/ OFFERED COURSES

Family and Community Services

- Principles of Human Services
- Human Growth and Development
- Counseling and Mental Health
- Practicum in Human Services

Cosmetology and Personal Care Services

- Principles of Cosmetology Design and Color Theory
- Microbiology and Safety for Cosmetology Careers
- Introduction to Cosmetology
- Cosmetology I & II/Lab



INFORMATION TECHNOLOGY

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.

CAMPUSES WITH PROGRAMS IN INFORMATION TECHNOLOGY

- Akins High School
- Crockett Early College High School
- LBJ Early College High School
- Travis Early College High School

CERTIFICATIONS

- Adobe Certified Associate Premiere Pro
- Apple App Development with Swift
- Comp TIA A Plus Certification
- CompTIA IT Fundamentals
- Comp TIA Network
- Microsoft Technology Associate (MTA) Introduction to Programming Using HTML and CSS
- Microsoft Technology Associate (MTA) Windows Operating System Fundamentals
- Oracle Certified Associate JAVA SE 8 Programmer
- Oracle Certified Database Associate
- WD Certified Web Design

CTE PROGRAMS OF STUDY/ OFFERED COURSES

Information Technology Support and Services

- Principles of Information Technology
- Computer Maintenance
- Computer Technician Practicum

Web Development

- Principles of Information Technology
- Web Design
- Web Game Development
- Practicum in Information Technology



LAW & PUBLIC SERVICE

The Law & Public Services Career Cluster focuses on planning, managing, and providing legal services, public safety, protective services, and homeland security, including professional and technical support services.

CAMPUSES WITH PROGRAMS IN LAW & PUBLIC SERVICE

- Akins Early College High School
- Navarro Early College High School
- Northeast Early College High School
- Travis Early College High School

Firefighter Program

- LBJ Early College High School
- Liberal Arts and Science Academy

- International Academy of Emergency Dispatch
Emergency Telecommunicator
- Municipal Jailer Certification
- Non-Commissioned Security Officer Level II
- Objective Jail Classification
- Private Security Level II
- Stop the Bleed Certificate
- Texas Alcoholic Beverage Commission
Certification

CERTIFICATIONS

- Basic Structure Fire Protection
- BLS CPR/AED for Healthcare Professionals
- Community Emergency Response Team
Certification
- Correctional Services Professional Certification
(TXPSTA)
- Heartsaver CPR/AED First Aid
- Criminal Justice Practitioner Certification
- Emergency Medical Technician
- FEMA 100 Certification

CTE PROGRAMS OF STUDY/ OFFERED COURSES

Emergency Services

- Principles of Law, Public Safety, Corrections, and Security
- Disaster Response
- Firefighter I & II
- Emergency Medical Technician-Basic
- Practicum in Law, Public Safety, Corrections, and Security

Law Enforcement

- Principles of Law, Public Safety, Corrections, and Security
- Law Enforcement I & II
- Criminal Investigation
- Forensic Psychology
- Correctional Services
- Federal Law Enforcement & Protective Services
- Practicum in Law, Public Safety, Corrections, and Security
- Forensic Science

Legal Studies

- Principles of Law, Public Safety, Corrections, and Security
- Court Systems & Practices
- Legal and Research Writing
- Practicum in Law, Public Safety, Corrections, and Security



MANUFACTURING

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.

CAMPUSES WITH PROGRAMS IN INFORMATION TECHNOLOGY

- Akins Early College High School
- Anderson High School
- LBJ Early College High School

CERTIFICATIONS

- FANUC Robot Operator I
- Certified Solidworks Associate (CSWA)

CTE PROGRAMS OF STUDY/ OFFERED COURSES

Advanced Manufacturing and Machinery Mechanics

- Principles of Applied Engineering
- Robotics I & II
- Manufacturing Engineering Technology I

Manufacturing Technology

- Principles of Manufacturing
- Metal Fabrication and Machining I
- Precision Metal Manufacturing I & II



STEM (SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS)

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.

CAMPUSES WITH PROGRAMS IN STEM

- Akins Early College High School
- Anderson High School
- Ann Richards School for Young Women Leaders
- Austin High School
- Bowie High School
- Eastside Memorial Early College High School
- LBJ Early College High School
- Liberal Arts and Science Academy (LASA)
- McCallum High School
- Navarro Early College High School
- Northeast Early College High School
- Travis Early College High School

Biotechnology Program (Elective Courses Only)

- Navarro Early College High School

CERTIFICATIONS

- Autodesk Certified Professional or User Inventor
- Autodesk Certified Professional or User AutoCAD
- Autodesk Certified Professional or User Revit Architecture
- Certified SOLIDWORKS Associate
- FANUC Robot Operator 1
- Autodesk Certified Professional or User Autodesk Revit Building Systems
- Biotechnician Assistant Credentialing Exam
- Heartsaver CPR/AED First Aid
- OSHA-10 hr. Certification (General)
- CompTIA Security Plus
- Oracle Certified Associate JAVA SE 8 Programmer



STEM CONTINUED

CTE PROGRAMS OF STUDY/ OFFERED COURSES

Biomedical Science

- Principles of Biomedical Science (Project Lead the Way)
- Human Body Systems (Project Lead the Way)
- Biotechnology I & II
- Medical Microbiology
- Medical Interventions (Project Lead the Way)
- Pathophysiology
- Practicum in Science, Technology, Engineering and Mathematics
- Scientific Research and Design

Engineering

- Principles of Applied Engineering
- Introduction to Engineering Design (Project Lead the Way)
- Engineering Design & Presentation I
- Computer Integrated Manufacturing (Project Lead the Way)
- Aerospace Engineering (Project Lead the Way)
- Digital Electronics
- Civil Engineering and Architecture (Project Lead the Way)
- Engineering Science
- Engineering Design and Problem Solving
- Engineering Design and Presentation II
- Science Research and Design

Renewable Energy

- Principles of Applied Engineering
- Foundations of Energy
- AC/DC Electronics
- Scientific Research and Design
- Digital Electronics

Programming and Software Development

- Fundamentals of Computer Science
- AP Computer Science Principles
- Computer Science I & II
- AP Computer Science A, MATH
- AP Computer Science A, LOTE
- Practicum in Information Technology
- Computer Science III



TRANSPORTATION, DISTRIBUTION & LOGISTICS

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.

CAMPUSES WITH A TRANSPORTATION, DISTRIBUTION & LOGISTICS PROGRAM

- Clifton Career Development School
- Crockett Early College High School
- Northeast Early College High School

CERTIFICATIONS

- Certified Automotive Information Specialist (ALLDATA)
- ASE Structural Analysis Damage Repair Entry Level
- I-CAR Certifications
- OSHA-10 hr. Certification (Automotive)
- ProDemand Mitchell Manager SE Training Certificate
- Safety and Pollution Prevention Certificate (S/P2)
- Valvoline Ignition Program Automotive Chemicals 101
- Valvoline Ignition Program Automotive Fluids 101
- Valvoline Ignition Program Motor Oil 101
- ASE Online Refrigerant Recovery & Recycling
- ASE Automobile Service Technology

CTE PROGRAMS OF STUDY/OFFERED COURSES

Automotive

- Principles of Transportation Systems
- Basic Collision Repair and Refinishing
- Automotive Basics
- Collision Repair
- Automotive Technology I
- Paint & Refinishing
- Automotive Technology II /Lab
- Practicum in Transportation Systems

» MORE ABOUT CTE

DUAL CREDIT AND ARTICULATED CREDIT

Dual credit courses are college courses that students take while they are in high school. Dual credit courses may be offered on high school campuses, at higher education institutions that partner with AISD or through an approved distance-learning program.

Earning dual credit or articulated credit is a great way for students to enhance their CTE experience. Students participating in these courses earn college credit for little or no cost and they get a jumpstart on their postsecondary education.

To enroll in dual credit, a student must meet the following requirements:

- complete the sophomore year of high school
- meet with an AISD counselor prior to beginning the dual credit process
- meet Texas Success Initiative (TSI) standards and course prerequisites prior to enrolling in classes
- complete the dual credit form and obtained the required approvals
- be advised by Austin Community College Dual Credit advisor or campus advisor
- purchase required textbooks and, if attending an ACC campus, obtain a parking permit

Articulated credit courses are high school courses which have been verified as substantially equal to introductory-level college courses. Earning articulated credit provides a way for students to start a college technical major in high school and continue in a participating postsecondary institution.

To receive articulated credit, a student must achieve a grade of 80 or

above in the class, satisfactorily complete other college-required exams or portfolios, and where applicable, meet special conditions.

Austin ISD partners with Austin Community College to provide articulated courses.

WORK-BASED LEARNING

Work-based learning gives CTE students the real-world experience to understand their future career and hone their craft. Various work-based learning opportunities are available, including workplace tours, job shadowing and school-based enterprises, internships and apprenticeships.

Work-based learning offers experiences that help students develop the knowledge and skills they need to effectively compete in the workforce and allows students to have meaningful interactions with professionals in their chosen field. Students who participate in work-based learning are provided with advance training and are closely supervised by an educator.

CAREER TECHNICAL STUDENT ORGANIZATIONS

Career Technical Student Organizations (CTSOs) help emerging student leaders realize their potential. CTSOs reinforce the knowledge and skills learned in CTE while offering students engaging opportunities outside of the classroom.

Through CTSOs, students can interact with business professionals and participate in competitive events, community service, school service and leadership development activities. Engaging in CTSOs broadens students' knowledge of their career field, gives them active opportunities to develop leadership skills and helps them achieve long-term success.

Students may participate in a number of CTSOs, including:

- Business Professionals of America (BPA)
- DECA
- Health Occupations Students of America (HOSA)
- SkillsUSA
- Texas Association of Future Educators (TAFE)
- Technology Student Association (TSA)
- Texas Family, Career and Community Leaders of America (Texas FCCLA)
- Texas Future Business Leaders of America (Texas FBLA)
- Texas FFA Association

Students may also take part in a number of other extended learning opportunities such as:

- Austin Community College Welding Competition
- Austin Film Festival
- Junior Reserve Officers' Training Corps (JROTC) Leadership Academy
- Robotics Competition
- Culinary Arts Competition

*Courses are subject to change

» BUSINESS/INDUSTRY PARTNERSHIPS

Business/Industry partnerships offer opportunities for students, teachers, businesses and community organizations to build partnerships that will enhance students' experiences, improve students understanding of business and industry, and build bridges and working relationships between business and schools.

PROGRAM GOALS

- To establish a mechanism for business/industry and schools to share their expertise and services with one another.
- To give students a realistic picture of the business world and understand the range and extent of business activities and opportunities.
- To improve and reinforce students' skills development and supplement classroom curriculum with relevant learning experiences.
- To produce graduates with new skills.
- To have a knowledgeable and qualified workforce.

PROGRAM STRUCTURE

The business/Industry partnership is designed as an on-going program in which businesses provide assistance directly to a designated campus or the district. The purpose of such a program is to help students appreciate the importance of a good education and its relationship to the world of work. Students are exposed to a variety of careers and the education and training required to pursue them.

Each partnership is unique in that there is not a set curriculum. Therefore, the program is based solely on the needs and resources of the school and business. Cost and time commitments also vary from program to program. The Career & Technical Education Department recruits new partners, facilitates matches and handles questions, concerns and organizational matters.

BENEFITS FOR BUSINESS/INDUSTRY & COMMUNITY

- Improves school program by providing real-world experiences for students.
- Increases students' and educators' understanding of the "world of work".
- Provides an opportunity to interact with students, presenting requirements, satisfactions, concerns and expectations of the work world.
- Involvement in the education of Austin area youth.
- Increases the available pool of skilled entry-level workers for local business and industry.
- Positive public relations and recognition.

BENEFITS FOR SCHOOLS

- Increases resources and services to enhance the education of students and to provide assistance to educators.
- Demonstrates to students how basic skills are used in the work place connecting the relevancy of academics and responsibilities of work outside the classroom.
- Develops a greater understanding and appreciation of the community and workplace.
- Project based learning made available through business-education partnerships are wonderful examples of meaningful, engaged learning.
- Employers support the work of teachers through advisement in a variety of areas, such as technology and industry standards, curriculum development and working directly with teachers as mentors and consultants.

EXAMPLES OF PARTNERSHIP ACTIVITIES

Depending on the needs and resources of each partnership, a variety of projects may be developed.

- Provide educator and student tours of your business facility.

SKILL DEVELOPMENT

- Help students set up mini-businesses.
- Let student know the importance of managing time wisely and how that skill will help them in the world of work.
- Show student's new "state of the art" technology, what it has replaced and how it is used.
- Invite employees to take part in discussions with students.
- Have students interview or observe workers to see how basic skills taught in school are used in the workplace.
- Provide information to student's concerning money and how to handle it – talking about checking accounts and credit cards etc.
- Consider offering internships (paid or unpaid) or apprenticeships at your business.
- Consider offering a student scholarship or stipend for post-secondary education.
- Establish grants for teachers to create special projects.

CULTURAL & CAREER AWARENESS

- Help students make the transition to the world of work easier by sharing information about your business or career.
- Talk to students about setting personal and career goals and help them make better choices about further education or training.
- Establish tutoring and/or mentorship opportunities between students and employees.
- Visit classrooms and involve retired employees in partnership activities.
- Help students explore career and technical goals.
- Participate in school or community career fairs.



Career and Technical Education

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