

ARLINGTON PUBLIC SCHOOLS CAREER AND TECHNICAL EDUCATION: CONNECTING WITH COMPANIES FOR MUTUAL BENEFITS

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OVERVIEW OF CTE

Integration of Theory and Practice

CTE combines academic knowledge with technical skills, emphasizing hands-on learning and real-world applications.

Wide Range of Programs

CTE offers diverse programs in healthcare, IT, manufacturing, and skilled trades at secondary and postsecondary levels.

Workforce Preparation

CTE equips students with industry credentials and practical experience, enhancing employability and reducing on-the-job training.

Economic and Workforce Impact

CTE addresses skills gaps and supports economic growth by creating adaptable professionals for evolving markets.



KEY COMPONENTS OF CTE PROGRAMS

Career Pathways

Career Pathways offer structured routes from education to employment with stackable credentials for advancement.

Industry Certifications

Industry Certifications validate students' skills, giving employers confidence in their competencies.

Work-Based Learning

Work-Based Learning includes internships and apprenticeships that immerse students in real-world work environments.

Technical Skills Training

Technical Skills Training provides specialized instruction in high-demand fields to ensure graduates are job-ready.

Academic Integration

Academic Integration blends core subjects like math and science with technical coursework for practical learning.

Employer Partnerships

Partnerships with Employers support curriculum development, resource sharing, and job placement for students.

STRATEGIC ADVANTAGES FOR EMPLOYERS

Access to Skilled Workforce

Engaging with CTE programs provides companies a steady pipeline of skilled workers ready to contribute immediately, minimizing training time.

Reduced Training Costs

CTE graduates reduce the need for extensive onboarding, helping companies save time and resources on skill development.

Alignment with Industry Standards

Partnerships with CTE programs ensure workforce skills meet evolving industry demands, promoting adaptability in a dynamic market.

Improved Retention and Productivity

Collaboration with CTE enhances employee loyalty and productivity by fostering career growth and practical skill application.

A woman with long brown hair, wearing a maroon blazer, stands at a white podium, speaking into a microphone. Behind her is a large, vertical living wall covered in various green plants. The Amazon logo is prominently displayed on the left side of the living wall. The background wall behind the living wall is made of horizontal wooden slats.

amazon

CTE OUTCOMES AND DATA

Higher Graduation Rates

CTE completer student graduation rate of 99.72%.

Skills Gap Reduction

Technical Skills attainment rate of 98.87% of completers attained 80% of the competencies.

Employment and Credentials

98.87% of our CTE Completers attained a recognized postsecondary credential.



REAL-WORLD COLLABORATIONS

Internships

Amazon, Cityworks, partners with schools to provide hands-on advanced manufacturing apprenticeships, building a skilled technician workforce.

Automotive Technical Training

Northern Virginia Community College collaborates to deliver specialized automotive training preparing graduates for modern vehicle maintenance. Working with many local dealerships and independent businesses for student internships.

Curriculum Alignment and Innovation

Partnerships allow companies to influence curriculum design, addressing workforce needs and driving innovation through CTE.



WHY INVEST IN CTE

Skilled Workforce Access

Supporting CTE provides businesses with a skilled, adaptable workforce that boosts productivity and innovation.

Cost Reduction and Retention

CTE partnerships reduce recruitment costs and increase employee retention through better workforce alignment.

Bridging Education and Employment

CTE bridges the gap between education and employment, addressing talent shortages and competitive pressures.

Economic Development Impact

Investing in CTE strengthens the labor market and contributes positively to economic development.

