

STATE APPROVED CAREER AND TECHNICAL EDUCATION PROGRAMS

In Michigan, programs are grouped into 17 Career Clusters. Each Career Cluster has several Pathways that lead to multiple careers within a sector.

- Every CTE Program consists of a sequence of courses that **begins in high school** and leads to a degree or credential.
- Every CTE Program must provide rigorous content that is aligned with **challenging academic standards**.
- Every CTE Program partners with postsecondary schools that allow students to **earn college credits** or stackable credentials while in high school.
- Every CTE Program partners with local employers to maintain current industry practices, provide students with **work-based learning experiences**, and leadership opportunities.
- Every CTE Program instructor has work experience in a related field and must keep their skills current. They must also maintain a **local advisory committee** made up of industry partners that provide input into their curriculum and program features.

In Monroe County, students have access to CTE Programs through a county-wide consortium.

In the 2024-2025 academic year, more than 2,400 high school students participated in CTE Programs somewhere in Monroe County.

 ACCOUNTING & FINANCIAL MANAGEMENT <i>Airport, Bedford Monroe</i>	 AGRICULTURE OPERATIONS <i>Airport, Dundee Ida, Whiteford</i>	 AUTO TECHNICIAN (MLR) <i>Airport, Bedford Jefferson, Monroe</i>	 BUSINESS ADMINISTRATION, MANAGEMENT, AND OPERATIONS <i>Airport, Bedford Dundee, Monroe</i>	 COMPUTER AND INFORMATION SYSTEMS SECURITY <i>Bedford</i>	 COMPUTER PROGRAMMING/ PROGRAMMER <i>Bedford Monroe</i>
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LEARNING TODAY EARNING TOMORROW



LEARNING THAT WORKS
FOR MONROE COUNTY

FOR MORE INFORMATION

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WHAT IS CAREER AND TECHNICAL EDUCATION?

92% of high school students and **69%** of college and adult students are engaged in CTE, learning skills in the classroom and on the job.¹

CTE is delivered at comprehensive and CTE-dedicated high schools, magnet schools, area technical centers, community and technical colleges and some four-year universities.

CTE students earn industry certifications and licenses, postsecondary certificates, associate degrees, bachelor's degrees and higher.

CTE is good for students, good for businesses and good for communities.

CTE high school students are college and career ready – **94%** graduate high school and most enroll directly in college.²

CTE associate degrees can pay **\$10,000 more** per year than associate degrees in other fields – and can even pay more than bachelor's degrees – while limiting student debt.³

CTE is the answer to the nation's projected deficit of **6.5 million** skilled workers, including infrastructure, health care and manufacturing workforce shortages.⁴

¹ U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics (NCES), High School Longitudinal Study of 2009 (HSL:09), Base-year, 2013 Update, and High School Transcript File; U.S. Department of Education, National Center for Education Statistics, 2015–16 National Postsecondary Student Aid Study (NPSAS:16).

Perkins Collaborative Resource Network, Perkins Data Explorer, customized Consolidated Annual Report data; U.S. Department of Education, Office of Elementary and Secondary Education, Consolidated State Performance Report, 2010–11 through 2017–18; U.S. Department of Education, NCES, HSL:09, Base-year, 2013 Update, High School Transcript, and Second Follow-Up.

³ Georgetown University Center on Education and the Workforce. (2020). The overlooked value of certificates and associate degrees: What students need to know before they go to college; Schneider, M. (2013). Higher education pays: College Board, Annual Survey of Colleges; NCES, IPEDS Fall 2020 Enrollment data and IPEDS 2020 Institutional Characteristics data.

⁴ Construction Industry Resources as cited in Ngo, M. (2021). Skilled workers are scarce, posing a challenge for Biden's infrastructure plan. New York Times; Korn Ferry. (2018). Future of work: The global talent crunch; Strack, R., Carrasco, M., Kolo, P., Nouri, N., Priddis, M., & George, R. (2021). The future of jobs in the era of AI; Wellener, P., Reyes, V., Ashton, H., & Moutray, C. (2021). Creating pathways for tomorrow's workforce today.

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Visit www.monroeisd.us |  "CTE"
for more CTE program information



The Monroe County CTE Program is under the auspices of the Monroe County Intermediate School District.

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CAREER AND TECHNICAL EDUCATION *Pathways*

