

Miami Valley Career Technology Center, Dayton

The mission of Miami Valley Career Technology Center (MVCTC) is to provide premier educational choices and advanced employment preparation for youth, adults, and organizations of the Miami Valley. MVCTC was opened in 1971. The school serves 27 area high schools across 5 counties and offers over 50 career technical programs for high school juniors and seniors, and lifelong learning opportunities for adult students in the Adult Education programs. The school currently has 2904 students (84% White; 11% African American; 5% other racial/ethnic groups). Fourteen percent of students at Miami Valley qualify for free and reduced lunch. MVCTC works as a partnership among students, parents, associate schools, communities, and business and industry throughout the Miami Valley. Students receive their diplomas from their home high schools, in addition to a “career passport” from MVCTC.¹

The Miami Valley Career Technology Center is approved and accredited by the Ohio Department of Education and North Central Association of Colleges and Schools as a two-year public joint vocational school offering regular secondary preparatory in school and cooperative education programs. The school has 52 academic teachers (Math, Science, English, Spanish and Social Studies) and 78 Career Technical teachers. In addition to licensure by the Ohio Department of Education, teachers in some content areas must also have an industry-based license. These industry-based instructors must have 5 years of work experience in the field which they will teach and complete a 36 quarter hour program in teaching once hired. MVCTC has reported shortages of quality Math, Science and Allied Health teachers.

Miami Valley Career Technology Center’s 50 programs are organized into 8 career clusters, including many anchored in STEM subjects: Arts & Communications, Agriculture/Natural Resources, Business and Information Technology, Building and Construction, Human Resources, Health, Industrial Technology/Manufacturing Operations, and Mechanical Technologies. Juniors and seniors may enroll in the College Tech Prep courses, in which students focus on developing specific skill sets in technical, high-demand fields, and earn college credits while in high school. In order to enroll in Tech Prep courses, students must have a 2.0 GPA, have passed Algebra I with a “C” or better, and have passed Biology I with a “C” or better (for certain health and biotechnology areas).²

[Miami Valley Career and Technology Center website](http://www.mvctc.com)

¹ <http://www.mvctc.com/about>; accessed 1/15/09

² <http://www.mvctc.com/earlycollegeconnections>; accessed 1/15/09