



Engineering Technology Cluster Pathway

Tech Prep Advantages

Get a head start on your college education & career.

May be eligible for a Sinclair Tech Prep Scholarship.

May earn college credits while still in high school.

May participate in co-op and mentoring programs.

Prepare for a high-demand, high-paying career.

To Qualify

In order to qualify for this Tech Prep program, a student must have met the following qualifications by the end of the sophomore year of high school: Completed algebra I (or equivalent) with a "C" or better, earned a minimum 2.0 G.P.A., and have junior standing with no academic deficiencies. Preferences for entering a Tech Prep program include computer keyboarding skills and good attendance.

11th Grade Tech Prep Classes

Engineering labs include drafting/print reading, equipment maintenance, safety, computer skills, and career exploration. College prep academics include English III, algebra II or geometry, and social studies.

12th Grade Tech Prep Classes

Engineering labs include computer aided drafting, quality assurance, project management, and career exploration. College prep academics include English IV, physics, and advanced math.

College

Earn an Associate of Science degree in Engineering Science or an Associate of Applied Science, with a major in an Engineering and Industrial Technology Division program. Programs include: Architectural Technology, Automation & Control Technology, Automotive Technology, Aviation Technology, Civil Engineering Technology, Electronic Engineering Technology, Environmental Engineering Technology, Fire Science

Technology, Industrial Design & Graphic Technology, Industrial Engineering Technology, Manufacturing Engineering Technology, Mechanical Engineering Technology, Quality Engineering Technology, Safety Engineering Technology, Tooling & Machining Technology.

For students wishing to continue their education, Sinclair has special articulation agreements with the University of Dayton, University of Cincinnati College of Applied Arts, Miami University, and University of Toledo.

Career Prospects

This is a broad career path with a wide variety of choices. The field is expected to have average growth. Engineering salaries are expected to increase greater than average. For a list of career options and salaries, refer to the U.S. Department of Labor web site at <http://www.bls.gov/oco/>.



MIAMI VALLEY
TECHPREP
CONSORTIUM

For further information, contact your guidance counselor, call the Tech Prep office at (937) 512-5146 or visit us on the web at www.mvtechprep.org.

Tech Prep is a great way to go to college!