



Provided by middle schools, high schools, employers, Ohio Tech Centers, and colleges.

Preparing students for multiple options after high school:

gainful employment and/or postsecondary study.

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit ohiohighered.org.



Ohio In-demand Occupations







Secondary Pathway: Engineering and Design

Postsecondary Program: Engineering Technology

An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Physical Science	Social Studies	Fine Arts	Pre- Engineering Technologies		
	9 10	English II	Algebra II	Biology	World History	Health (.5) PE (.5)	Engineering Principles	Engineering Design	World Languages
	11	English III	Geometry	Chemistry	U.S. History	Manufacturing Operations	Digital Electronics	World Languages	
	12	English IV	Trigonometry/ Calculus	Physics	U.S. Government	Robotics	Alternative Energy		
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>	Year 1 1st Semester	English Composition I	Technical Math	Intro to Engineering	Manufacturing Processes	Engineering Design			
ondary		•	Technical Math I Technical Math II		_	0 0	Statics		
Postsecondary	1st Semester Year 1	Composition I English	I Technical Math	Engineering	Processes	Design Hydraulics &	Statics		

High School Career-Technical Education Program Courses

High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses

Required Courses

Recommended Electives

 ${\it Visit\ education.ohio.gov/Career Connections\ for\ reference\ information.}$

Course titles and sequences will vary between schools.

4/2015





