



# Construction Technologies Career Pathway

Certificate

Associate Degree,  
Carpentry

Bachelor's Degree,  
Construction Management



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.

Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit [ohiohighered.org](http://ohiohighered.org).



# Construction Technologies Career Pathway

Secondary Pathway: **Construction Design and Management**

Postsecondary Program: **Construction Management**

## An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Physical Science	Social Studies	Fine Arts	Core & Sustainable Construction		
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Plan Reading	World Languages	
	11	English III	Algebra II	Chemistry	U.S. History	Architecture Design I	Construction Management	World Languages	
	12	English IV	Trigonometry/ Calculus	Environmental Science	U.S. Government	Architecture Design II	Construction Safety & Leadership		
Postsecondary	Year 1 1st Semester	English	College Seminar	Construction Documents	Construction Methods	Construction Material Science	Construction Drawings		
	Year 1 2nd Semester	Business	Basic CAD	Quantity Survey	OSHA 30-hour Safety & Health	Basic Mechanical Drafting	Safety & Loss Prevention	Environmental Science	
	Year 2 1st Semester	Intermediate Algebra	Cost Control	Intro to Surveying	Estimating	Residential Computer Estimating	Company Management		
	Year 2 2nd Semester	Statistics	Project Management	Psychology	Business Management	Humanities Elective			

### 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

Visit [education.ohio.gov/CareerConnections](http://education.ohio.gov/CareerConnections) for reference information.

Course titles and sequences will vary between schools.

1/2016