



Construction Technologies Pathway Model

Certificate

Associate Degree,
Construction Management

Bachelor's Degree,
Construction Management



Start Pre-Construction

As early as grade 7
(based on readiness)

Construction Laborer 👍

Salary: \$35,660
Job Growth (10 yr): 11.7%
Annual Openings: 519
Average Tuition: \$0 - 4,000

Cost Estimator 👍

Salary: \$54,760
Job Growth (10 yr): 27%
Annual Openings: 424
Average Tuition (2 yr): \$7,600

Construction Manager 👍

Salary: \$73,220
Job Growth (10 yr): 7.3%
Annual Openings: 250
Average Tuition (4 yr): \$39,700



Workplace Visits
Job Shadow
Internship
Work

Supervised Experience

Work

Supervised Experience
Internship

Work

Internship

Work

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.



Construction Technologies Pathway Model

Secondary Pathway: **Construction Design and Management**

Postsecondary Program: **Construction Management**

Courses with Secondary and Post-Secondary Credits

Secondary	7 8	English	Algebra I	Science	Social Studies	Fine Arts			
	9 10	English	Geometry	Biology	US History	Health (.5) PE (.5)			
	11	English	Algebra II	Chemistry	US Government & Economics	Foreign Language	Construction Technologies		
	12	English	Trigonometry	Physics	Psychology	Foreign Language	Building Technologies		
Post-Secondary	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 Courses

High School Courses with College Credit Opportunities

Required Courses

Recommend Electives

Visit education.ohio.gov/CareerConnections for reference information

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