

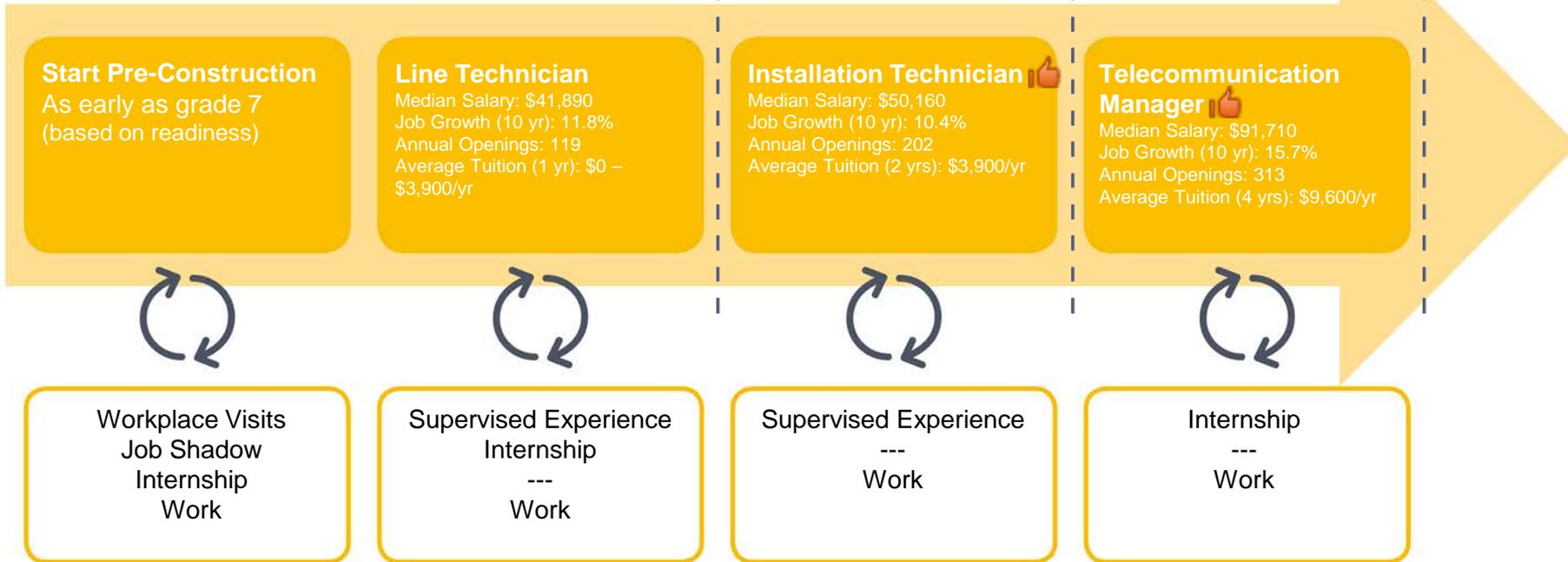


Construction Technologies Career Pathway

Certificate

Associate Degree,
Telecommunications

Bachelor's Degree,
Network and Systems
Administration



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.



Construction Technologies Career Pathway

Secondary Pathway: **Mechanical, Electrical and Plumbing**

Postsecondary Program: **Telecommunications**

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)	Mechanical, Electrical, & Plumbing Sys.	World Languages	
	11	English III	Algebra II	Chemistry	U.S. History	Tele-communication / Low Voltage	Construction Electrical Systems	World Languages	
	12	English IV	Trigonometry/ Calculus	Physics	U.S. Government	Alternative Power Generation	Powerline / High-Voltage Power		
Postsecondary	Year 1 1st Semester	English Composition I	College Algebra	Circuit Analysis I	Digital Systems I	Networking Systems I			
	Year 1 2nd Semester	Psychology	Calculus	Circuit Analysis II	Tele-communication	Networking Systems II	Electronic Circuits		
	Year 2 1st Semester	Humanities Elective	Physics	Communication Trans Concepts	Data Communication	Fiber Optics			
	Year 2 2nd Semester	Capstone Project	Engineering Technology	Internship					

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 for reference information.

Course titles and sequences will vary between schools.

6/2015