

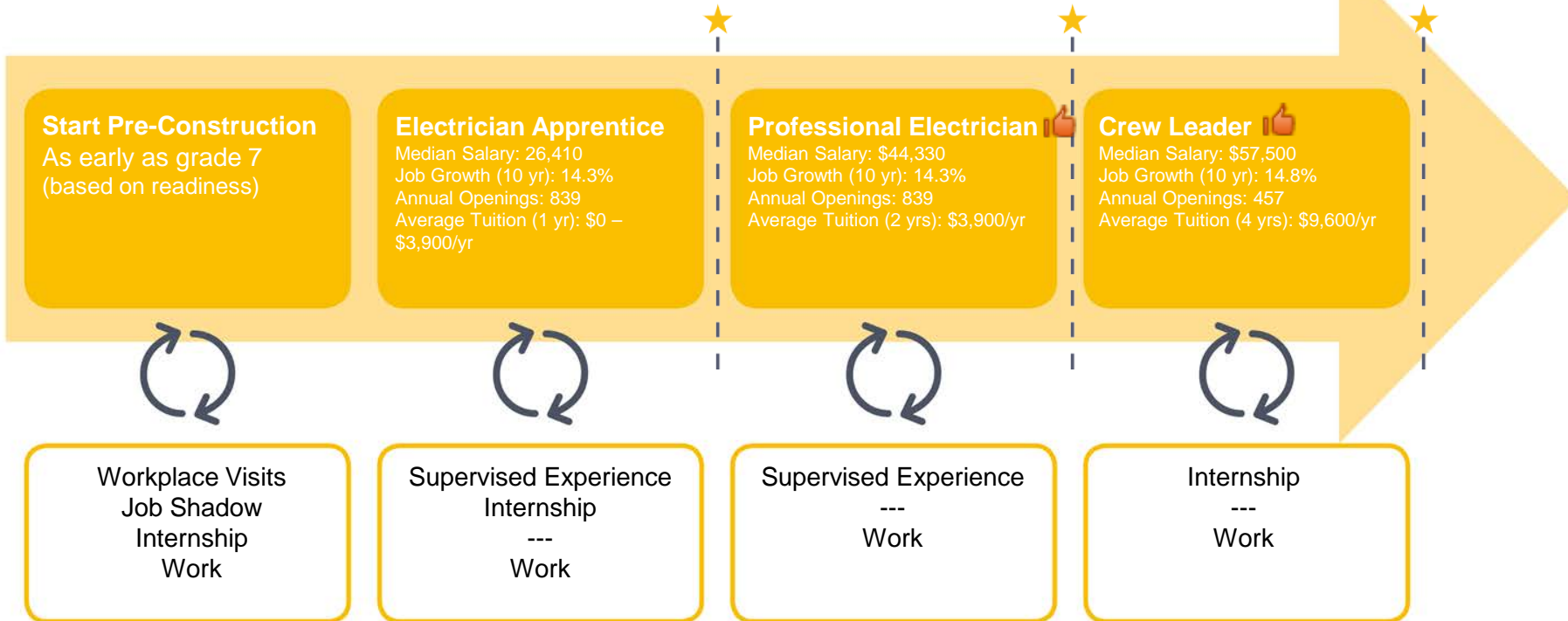


Construction Technologies Career Pathway

Apprenticeship

Associate Degree,
Skilled Trades

Bachelor's Degree,
Operations 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.



Construction Technologies Career Pathway

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

Postsecondary Program: **Electrical Trades**

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.	Construction Electrical Systems	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Commercial & Industrial Systems	World Languages		
	12	English IV	Trigonometry/ Calculus	Environmental Science	U.S. Government	Alternative Power Generation	Construction Safety & Leadership		
Postsecondary	Year 1 1st Semester	English Composition I	College Algebra	Industrial Computing	CAD	Industrial Electricity I			
	Year 1 2nd Semester	English Composition II	Trigonometry	Industrial Wiring	Hydraulics I	Industrial Electricity II	Environmental Science		
	Year 2 1st Semester	Interpersonal Communication	HVAC I	Industrial Electronics	Motors & Controls	Programmable Controller I			
	Year 2 2nd Semester	Psychology	Electrical Prints & Troubleshooting	Instrumentation & Controls	Industrial Fluid Power II	Robotics	Hydraulics II		

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.

1/2016