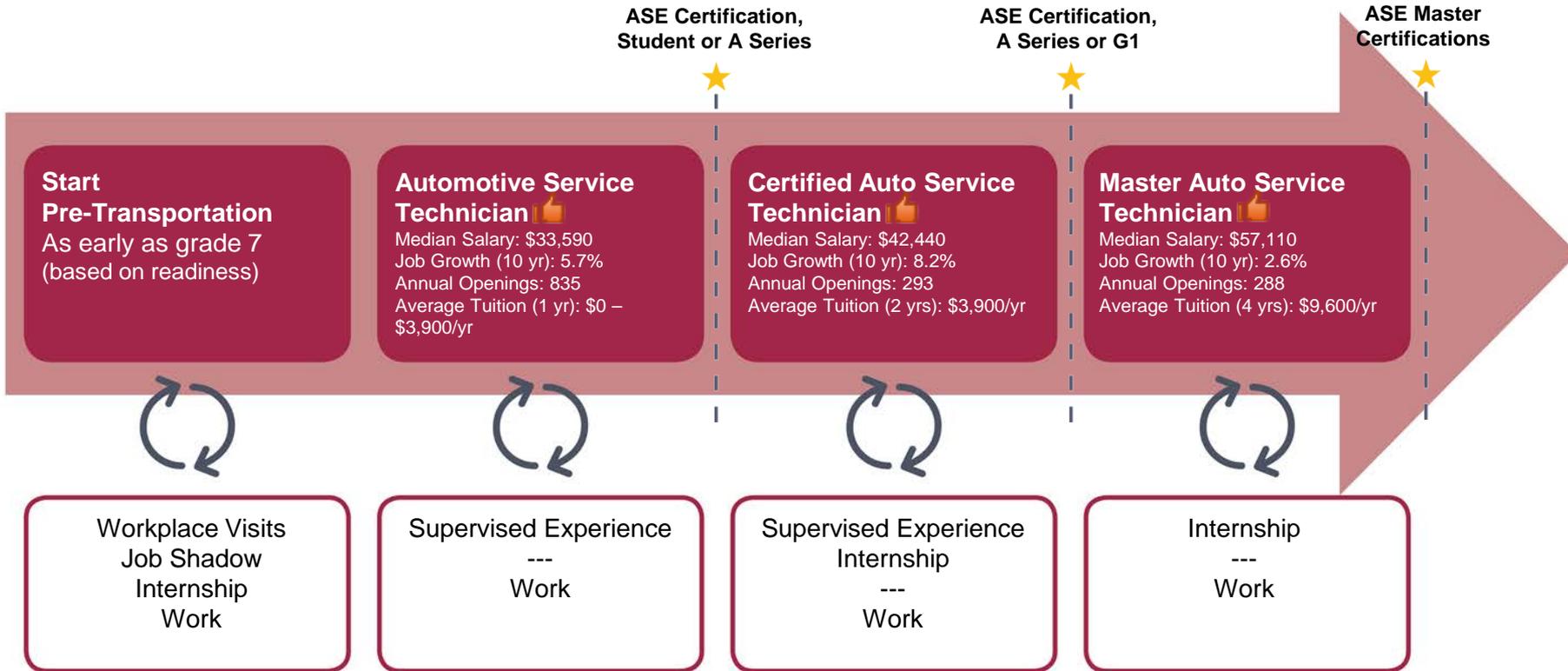




Transportation Systems Career Pathway



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.



Transportation Systems Career Pathway

Secondary Pathway: **Automotive Technology** Postsecondary Program: **Automotive Technology**

An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Physical Science	Social Studies	Fine Arts			
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Ground Transportation Maintenance	Breaking, Suspension, & Steering	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Engine & Power Train	HVAC	World Languages	
	12	English IV	Trigonometry/ Calculus	Physics	U.S. Government	Electrical/ Electronic	Engine Performance	Transportation Capstone	
Postsecondary	Year 1 1st Semester	English	Computer Applications	Shop Safety & Procedures	Numerical Applications	Intro to Automotive Service	Transmission & Drivetrain	Automotive Electrical Fundamentals	
	Year 1 2nd Semester	Math	Humanities Elective	Automotive Engines	Alignment, Steering & Suspension	Braking Systems	Auto Field Experience		
	Year 2 1st Semester	Communication	Intro to Business	Economics	Automotive HVAC	Engine Performance	Auto Electrical Systems	Automotive Field Experience	
	Year 2 2nd Semester	Automatic Transmissions	Auto Electronic Engine Controls	Auto Electrical Diagnosis	Auto Service Operations	Automotive Field Experience	Social & Behavioral Science		

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.

11/2014