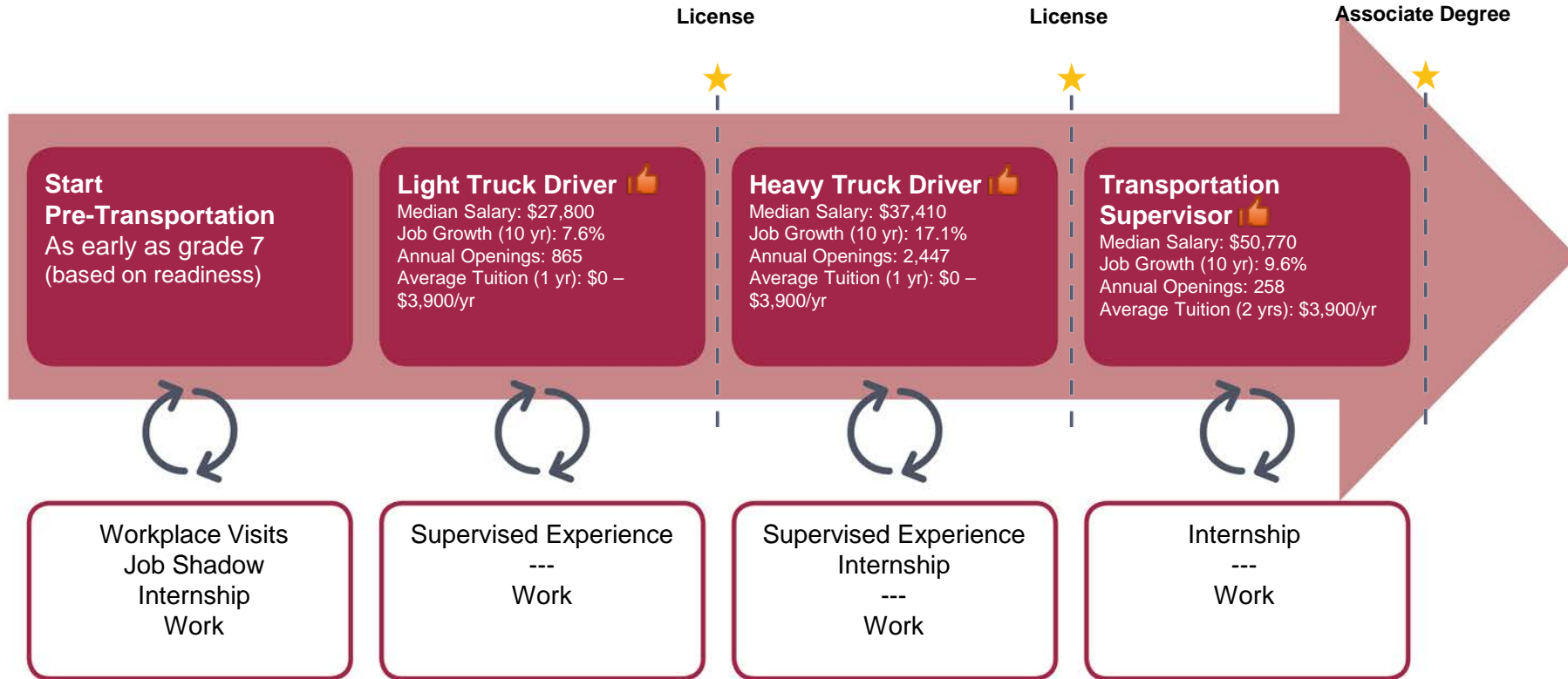




Transportation Systems Career Pathway



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: **Ground Transportation** Postsecondary Program: **Diesel 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	Braking, Suspension & Steering	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Engine & Power Train	Truck Brake, Suspension & Steering Sys.	World Languages	
	12	English IV	Trigonometry/Calculus	Physics	U.S. Government	Truck Diesel Engines	Engine Performance	Ground Transportation HVAC	
Postsecondary	Year 1 1st Semester	Personal Finance	Basic Electrical	Preventive Maintenance	Heavy Truck Drive Trains	Industrial & Engineering Technology			
	Year 1 2nd Semester	Employability Skills	Industrial Calculations	Hydraulic Theory & Operation	Fundamentals of Engines	Truck Steering & Suspension	Welding Processes	Truck Brake Systems	
	Year 2 1st Semester	English Composition	Computer Concepts & Applications	Advanced Electrical & Electronics	Heavy Truck HVAC	Social Science Elective			
	Year 2 2nd Semester	Interpersonal Communication	Business Communication	Customer Relations	Engine Performance	Heavy Truck Automatic Transmissions			

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