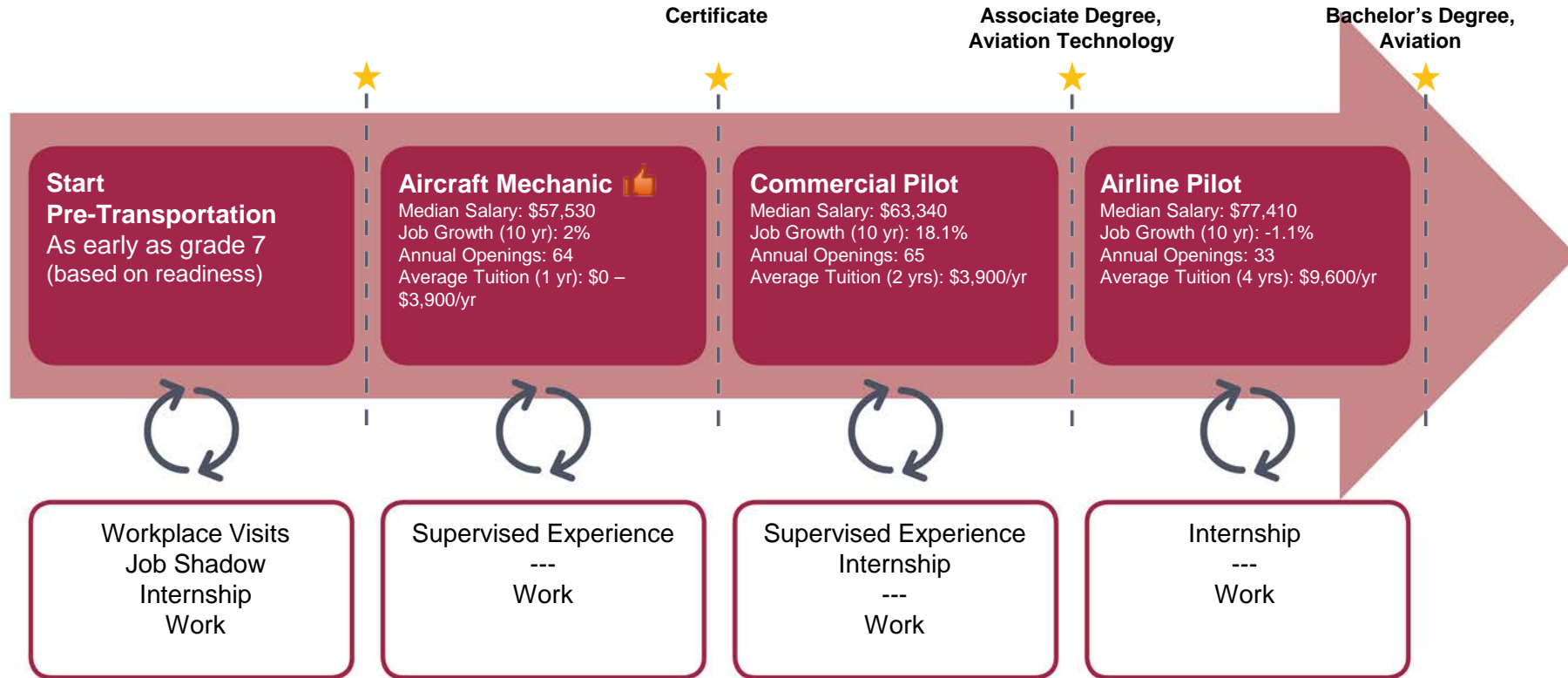




# Transportation Systems Career Pathway



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](http://ohiohighered.org).



# Transportation Systems Career Pathway

Secondary Pathway: **Air Transportation**

Postsecondary Program: **Aviation 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)	Aviation	World Languages	
	11	English III	Algebra II	Chemistry	U.S. History	Aviation Maintenance	Airframe Systems	World Languages	
	12	English IV	Trigonometry/ Calculus	Physics	U.S. Government	Aviation Meteorology	Airport Management	Air Traffic Control	
Postsecondary	Year 1 1st Semester	English Composition	College Algebra	Orientation to Aviation	Introduction to Airline Operations	Aviation Meteorology	Computer Applications		
	Year 1 2nd Semester	Public Speaking	Flight Simulator Instruction	Pilot Ground School	Instrument Ground School	Instrument Flight Lab	Private Pilot Flight Lab		
	Year 2 1st Semester	Trigonometry	Flight Instructor Flight Lab	Aerodynamics & Flight Mechanics	Commercial Pilot Ground	Aircraft Accident Investigation	Blind Flying Hazards	Flight Instructor Ground	
	Year 2 2nd Semester	Physics	Multi Engine Flight Lab	Human Factors in Aviation	Advanced Navigation Science	Principles of Aviation Leadership	Aviation Internship	Arts & Humanities Elective	

### 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](http://education.ohio.gov/CareerConnections) for reference information.

Course titles and sequences will vary between schools.

11/2014