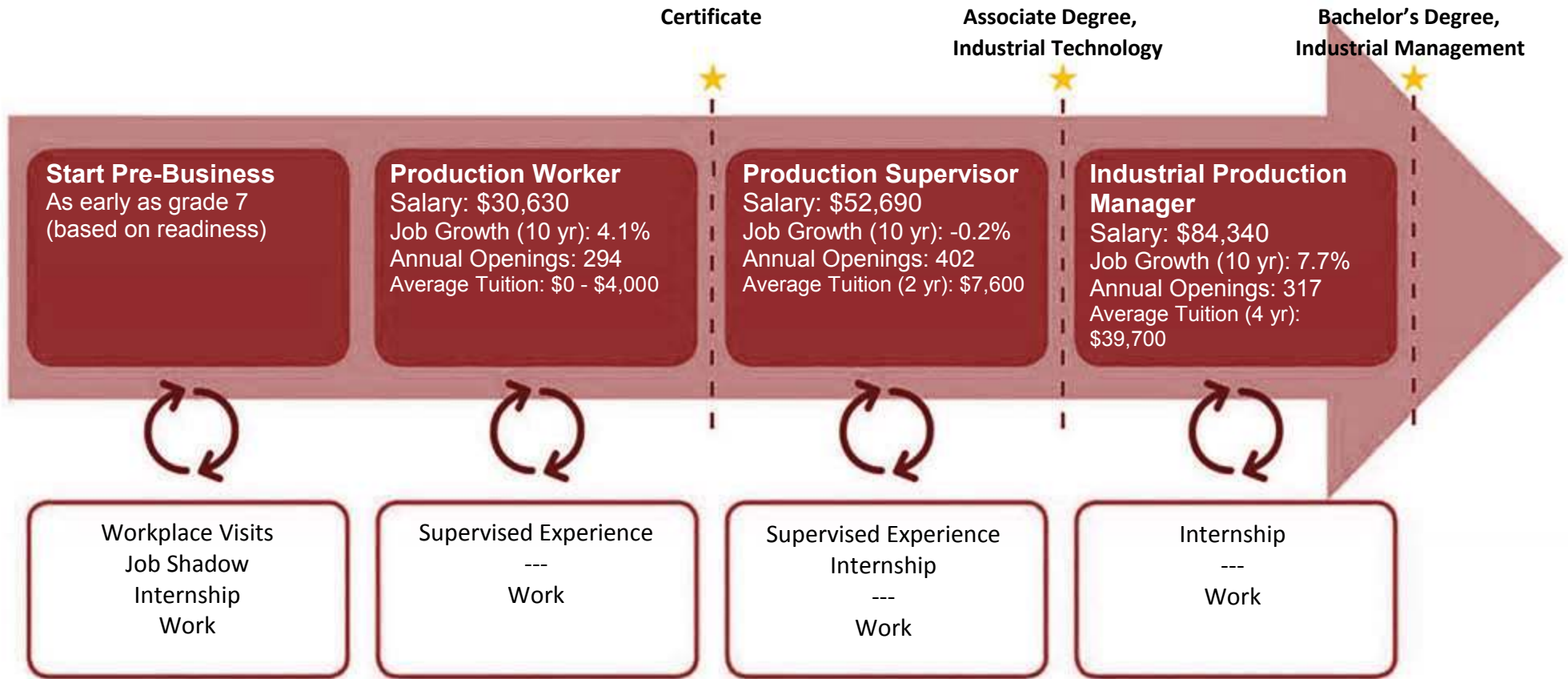




Manufacturing Technologies Pathway Model



Provided by middle schools, high schools, employers, Ohio Tech Centers, and Colleges.

Preparing students for multiple options after high school:
gainful employment and/or post-secondary study.



Courses with Secondary & Post-Secondary Credits

Secondary	7 8	English	Algebra I	Science	Social Studies	Fine Arts			
	9 10	English	Geometry	Biology	US History	Health (.5) PE (.5)			
	11	English	Algebra II	Chemistry	US Gov't & Economics	Manufacturing Operations	Machine Tools	Mechanisms and Drives	
	12	English	Trigonometry	Physics	Psychology	Computer Integrated Manufacturing	Machining with Industrial Lathes (CNC)		
Post-Secondary	Year 1 1st Semester	Technical Math	PLC I	AC/DC Electrical					
	Year 1 2nd Semester	Technical Writing	Industrial Maintenance	PLC II	Digital Electronics	Mechatronics			
	Year 2 1st Semester	Communication	Quality Processes	PLC III	Fluid Power	Leadership			
	Year 2 2nd Semester	Financial Management	Management	Applied Electricity	Automation (Robotics)				

High School CTE Program Courses
High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses
Required Courses
Recommended Electives

