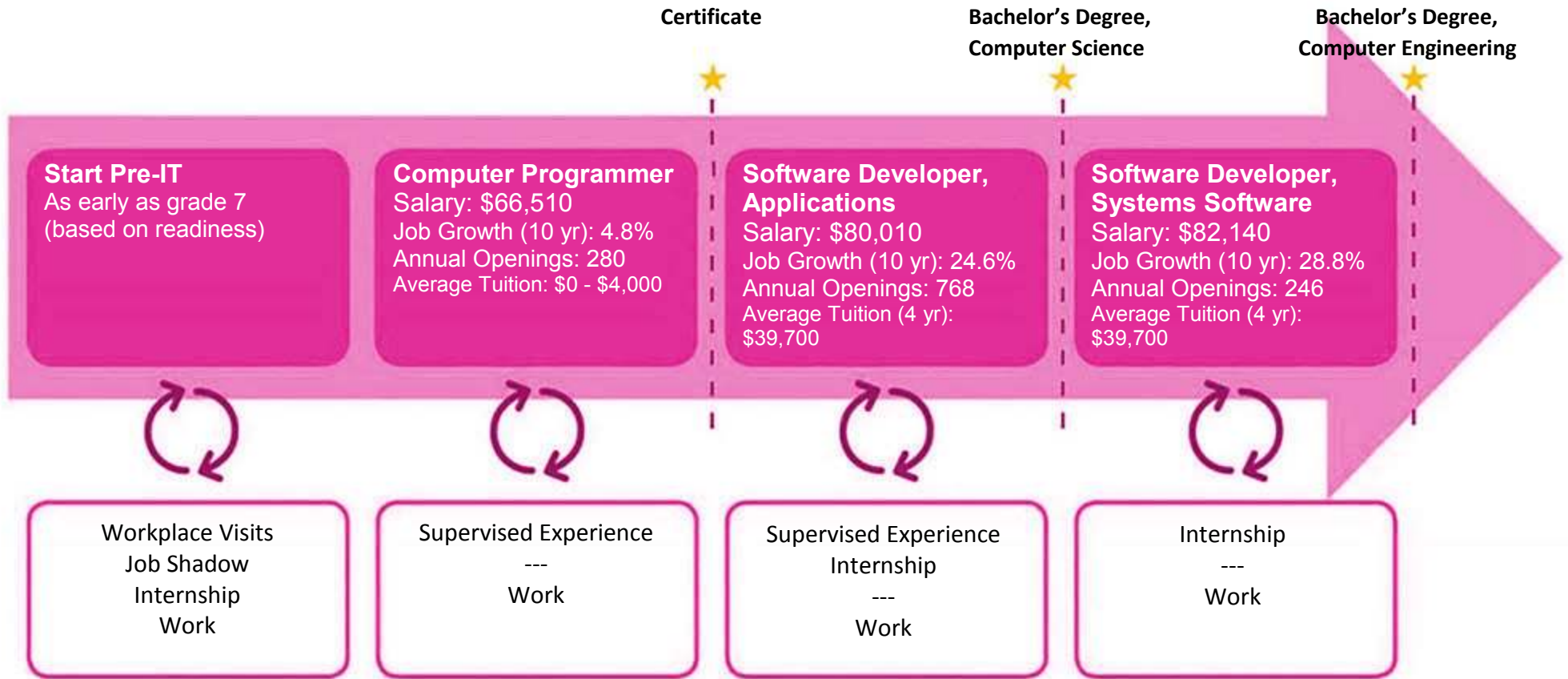


# Information Technology Pathway Model



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	Information Technology	Programming	
	9 10	English	Geometry	Biology	US History	Health (.5) PE (.5)	Object Oriented Programming	Visual Programming	
	11	English	Algebra II	Chemistry	US Gov't & Economics	Foreign Language	Systems Analysis and Design		
	12	English	Trigonometry	Physics	Psychology	Foreign Language	Database Applications Development		
Post-Secondary	Year 1 1st Semester	English	College Seminar	Intro to Business	Computer Applications	Computer Programming	Operating Systems & Security		
	Year 1 2nd Semester	Technical Writing	Math for Information Technology	Internet Programming I	Database	Advanced C++			
	Year 2 1st Semester	College Algebra	Visual Basic I	Internet Programming II	Systems Analysis & Design	Natural Science Elective			
	Year 2 2nd Semester	Communication	Visual Basic II	Java Programming	Arts & Humanities Elective	Social Science Elective	IT Capstone		

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