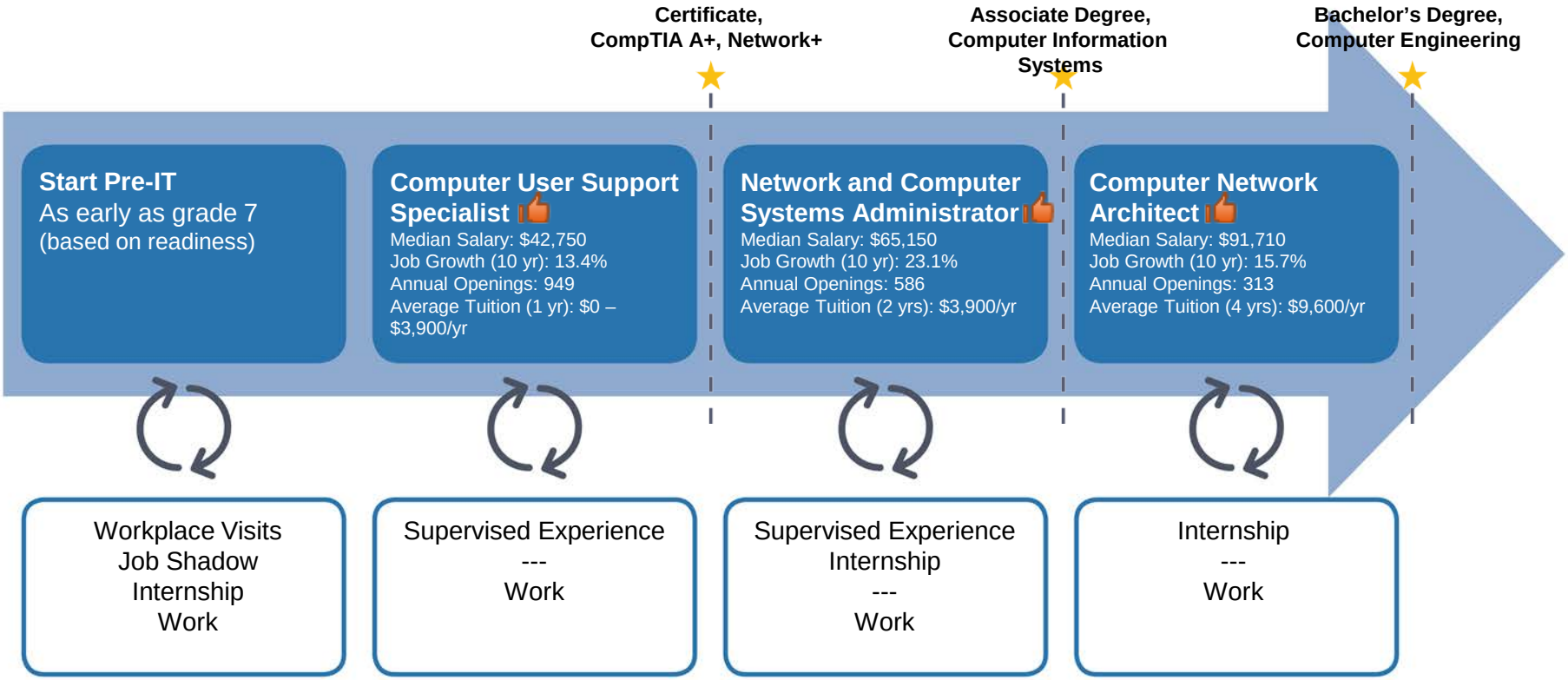
Information Technology Career Pathway



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.

Information Technology Career Pathway

Secondary Pathway: **Network Systems** Postsecondary Program: **Computer Networking**

An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Physical Science	Social Studies	Fine Arts	Information Technology	Networking	
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Network Operating Systems	Network Management	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Network Security	World Languages		
	12	English IV	Trigonometry/ Calculus	Physics	U.S. Government	Routing & Switching			
Postsecondary	Year 1 1st Semester	Operating Systems & Software	Computer Hardware Support	Cisco I: Networking Technologies	Networking Fundamentals				
	Year 1 2nd Semester	English	TCP/IP	Cisco II: Basic Router Technologies	Network Administration				
	Year 2 1st Semester	Intro to Business	Technical Writing	Cisco III: LAN Switching & Wireless	Math	Natural Science Elective			
	Year 2 2nd Semester	Professional Success Strategy	Networking Capstone	Cisco IV: WAN Technologies	Arts & Humanities Elective	Social Science 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 for reference information.

Course titles and sequences will vary between schools.

11/2014