Information Technology Career Pathway

Certificate, IC3, CompTIA A+

Bachelor's Degree, Information Technology

Master's Degree, Management Information Systems

Start Pre-IT
As early as grade 7 (based on readiness)

Computer User Support Specialist 👍
Median Salary: $42,750
Job Growth (10 yr): 13.4%
Annual Openings: 949
Average Tuition (1 yr): $0 – $3,900/yr

Information Security Analyst 👍
Median Salary: $82,870
Job Growth (10 yr): 15.7%
Annual Openings: 313
Average Tuition (4 yrs): $9,600/yr

Computer and Information Systems Manager 👍
Median Salary: $109,560
Job Growth (10 yr): 14.6%
Annual Openings: 323
Average Tuition (4 yrs): $11,300/yr

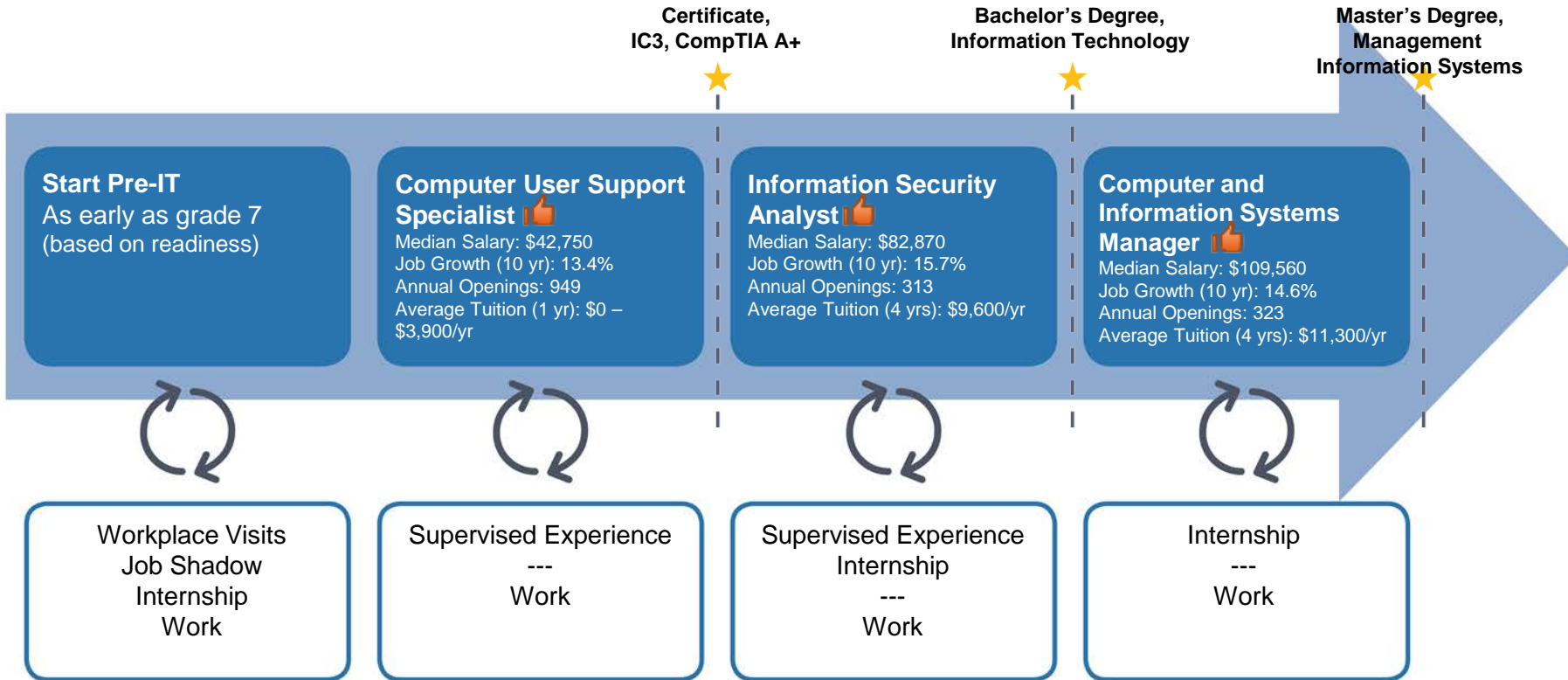| Workplace Visits Job Shadow Internship Work | Supervised Experience --- Work | Supervised Experience Internship --- Work | Internship --- Work |

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.

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Information Technology Career Pathway

Secondary Pathway: **Information Services and Support**   Postsecondary Program: **Computer Science**

An Example of Courses with Secondary and Postsecondary Credits

Secondary

Grade								
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

Term								
Year 1 1st Semester	English	College Algebra	College Seminar	Computer Applications	Programming Logic	Humanities Elective		
Year 1 2nd Semester	Business Communication	Operating Systems	Networking Concepts	Object Oriented Analysis	Visual Basic I	HTML	Systems Analysis	
Year 2 1st Semester	Financial Accounting	Micro- economics	Project Management	Technical Elective	Natural Science Elective			
Year 2 2nd Semester	Marketing Principles	Database Systems Programming	IT in Logistics	Computer Science Seminar	Computer Science Practicum	Technical 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

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