

# INFORMATION TECHNOLOGY & SOFTWARE ENGINEERING



Prepare for a high-tech career as you explore Computer Science and Information Technology. Join one of the fastest growing and highest paying high-tech careers as you explore the inner-workings of web development, programming application and development, PC hardware/networking, and database management. Compete in local, state, and national level competitions while developing real work experience through hands-on projects. Former students have earned internships and employment in companies such as Winsupply, Microsoft, NASA, Ball Aerospace, WPAFB, Airbnb, Reddit, and many others. You can earn a \$3,000 Tech Prep Scholarship and take Credit College Plus courses. Students can take any Advanced Placement or Honors classes while taking this program!

Source: United States Department of Labor - Bureau of Labor Statistics (accessed 12/19)  
(<https://www.bls.gov/ooh/occupation-finder.htm>)

Occupation	Projected Job Growth by 2026	Average Salary
Database Administrators	(9%)	\$90,070
Software Developers, Applications	(21%)	\$105,590
Information Security Analysts	(32%)	\$98,350
Web Developers	(13%)	\$69,430
Computer Network Architects	(5%)	\$109,020

#### Industrial Credentials Offered

Microsoft Technology Associate  
TestOut Desktop Pro  
TestOut PC Pro  
TestOut Networks Pro  
TestOut Security Pro  
Cisco IT Essentials  
TestOut Linux Pro

#### Suggested Summer Elective

Intro to Programming  
Computer Applications

#### Student Organizations

Business Professionals of America

#### Professional Organizations

Cisco Networking Academy  
Oracle Academy