



STEM Careers

IT Specialist

Job Description: Plan, implement, upgrade, or monitor security measures for the protection of computer networks and information. May ensure appropriate security controls are in place that will safeguard digital files and vital electronic infrastructure. May respond to computer security breaches and viruses.

What do IT Specialists do?

- Develop plans to safeguard computer files against accidental and unauthorized modification, destruction, or disclosure.
- Perform risk assessments and execute tests of data processing system to ensure functioning of data processing activities and security measures.
- Train users and promote security awareness to ensure system security and to improve server and network efficiency.
- Modify computer security files to incorporate new software, correct errors, or change individual access status.

Your Interests:

- Are you good at communicating your ideas?
- Is your work detailed?
- Do you like to solve problems?
- Do you like working with computers?

Outlook: **Green Job**

Average Salary - \$36.37 hourly, \$75,660 annual

Projected Job Openings - 13,550 over the next year.

Education/Program of Study:

- Minimum Associates Degree in Business Administration
- Bachelor's of Science Degree in Computer Science

Sources:

O*NET Online

<http://www.onetonline.org/link/summary/15-1122.00>