Explore a Career as an
INFORMATION SECURITY ANALYST

What do Information Security Analysts do?

Information security analysts plan and carry out security measures to protect an organization's computer networks and systems. Responsibilities for these workers are constantly expanding as the number of cyberattacks increases. Information security analysts must continually adapt to stay a step ahead of cyber-attackers. They must stay up to date on the latest methods attackers are using to infiltrate computer systems and on IT security. Analysts need to research new security technology to decide what will most effectively protect their organization. This may involve attending cybersecurity conferences to hear firsthand accounts of other professionals who have experienced new types of attacks.

Information Security Analysts are in demand in Grundy County!

Grundy County employment of information security analysts is expected to grow through 2020. According to the U.S. Bureau of Labor Statistics, the demand for these professionals is expected to be very high as cyberattacks have grown in frequency.
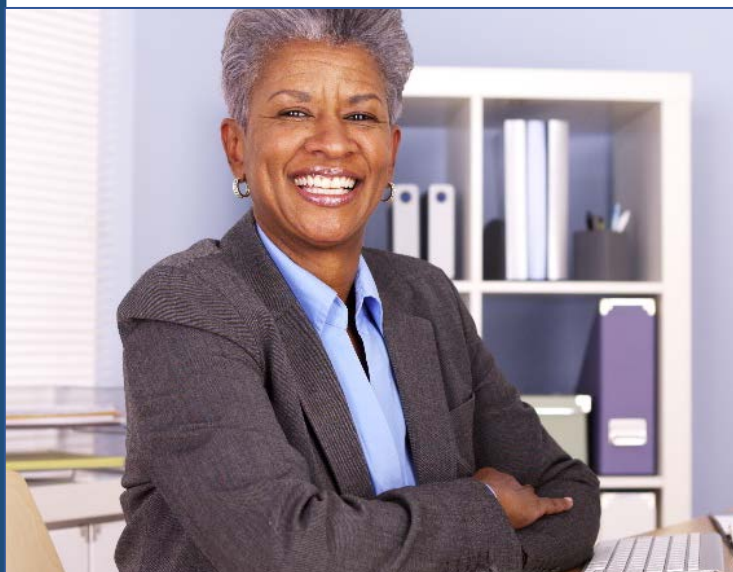
Training & Educational Opportunities

You will have plenty of employment options as an information security analyst, but first you will need to complete specific training and earn an associate degree. Many employers will require a bachelor degree. Coursework will be highly specialized on training such as cybercrime and fraud investigation, emergency management, information assurance and cyber operations.

As an Information Security Analyst you will:

➢ Develop security standards and best practices for an organization
➢ Install and use software, such as firewalls and data encryption programs, to protect sensitive information
➢ Monitor an organization's networks for security breaches and investigate a violation when one occurs

➢ Prepare reports that document security breaches and the extent of the damage caused
➢ Recommend security enhancements to management or senior IT staff

Information Security Analyst

Training Provider

The following certified training provider offers programs and certifications to train for a career as an information security analyst:

- Joliet Junior College

Career scholarships may be available if you qualify.

Types of Employers

There are many different types of companies that employ information security analysts in Grundy County, including:

- Banks
- Computer systems design services
- Consulting firms
- Credit providers
- Financial companies
- Logistics companies
- Management companies and enterprises
- Technology companies

Wages & Openings

Information Security Analyst Employment Data for Grundy County	
Average Starting Hourly Wage	Insf. Data
Average Hourly Wage With Experience	Insf. Data
Average Annual Job Openings Grundy County	~10
Average Annual Job Openings Chicago Metro	221

Opportunities

After earning your degree as an information security analyst, you will have many opportunities for advancement. Some opportunities include:

- Computer and Information Research Scientist
- Computer and Information Systems Manager
- Computer Network Architect

Grundy Workforce Services
www.jjc.edu/grundy-workforce
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