

Career Information for Network Security Information Systems

A College of Science & Engineering major

General Overview Information

A program that prepares individuals to assess the security needs of computer and network systems, recommend safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures. Includes instruction in computer architecture, programming, and systems analysis; networking; telecommunications; cryptography; security system design; applicable law and regulations; risk assessment and policy analysis; contingency planning; user access issues; investigation techniques; and troubleshooting

Do You Have These Characteristics?

*Strong problem-solving skills *Analytical skills *Interpersonal skills *Ability to concentrate
*Attention to detail *Logical thinker *Ability to work independently or in teams *Computer skills

Salary Information Can Be Found At:

www.bls.gov/bls/blswage.htm www.iseek.org www.stcloudstate.edu/careerservices

What Can You Do?

- Network security administrator
- Network security officer
- Computer support specialists
- Network and computer systems administrator
- Computer Network Technician
- Computer Security Information Specialist
- Information Systems Security Officer
- Information Systems Security Specialist

Where Can You Work?

- Computer systems design companies
- Business management companies
- Federal, state, and local government agencies
- Universities and colleges
- Utilities Companies
- Financial Institutes
- Insurance Firms
- Private Sector
- Engineering Firms
-and MORE!

Resources

- SCSU CNA – <http://bulletin.stcloudstate.edu/departments/cna.asp>
- Occupational Outlook Handbook – <http://www.bls.gov/oco/ocos268.htm>
- Institution for Certification of Computing Professionals – www.iccp.org
- *Careers for Computer Buffs and Other Technical Types*
- *Careers in Computers*
- *Expert Resumes for Computer and Web Jobs*
- *Minnesota Business Directory*
- *National Trade and Professional Associations*
- *Top 100 Computer and Technical Careers*
- *Top Careers for Business Graduates*

(Books are available at SCSU Career Services Center)