

NETWORK SECURITY ACADEMIC CERTIFICATE

Median company cost to fix Blaster worm
\$475,000
- TruSecure

93% of companies losing data center >10 days filed bankruptcy within year
- Boston Computing

Network security has been one of the fastest growing and most important aspects of network and IT systems in the 21st century. As network and IT systems become more important to organizational operations, protecting systems and information from theft and malicious attack become more important also. Organizations have been and are anticipated to continue spending significant amounts of IT budgets on security and security staffing.

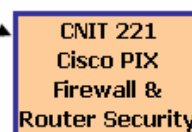
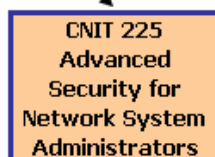
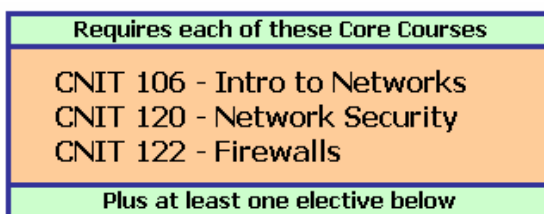
The City College of San Francisco Network Security Academic Certificate is for technicians wanting to acquire and document knowledge and skills in basic security of computing networks.

This certificate is valuable to people seeking or already having employment in positions like network manager, network technician, IT systems manager, network security specialist and network systems administrator.

The certificate consists of at least 4 courses and can be completed in less than a year, with courses counting toward AS degrees, certain other certificates and matriculation opportunities with other institutions.

Company survey:

- Almost half had worms
 - 23% internal breaches
 - 27% lack tools to know whether they've had an internal breach
 - 40% critical services disrupted
 - 40% loss or corruption of data
 - 17% had intellectual property stolen
- Mazu Networks



67% of broadband users don't have properly configured firewalls & 86% keep sensitive info on their computers
- National Cyber Security Alliance

150,000+ security incidents last year caused \$42 billion in damages

- www.cert.org

Network security job growth expected to increase by 80% through 2010
- Pennsylvania College of Technology

Malware costs (viruses, worms, Trojans...) estimated at \$169-204B for 2004
- Aladdin