City College of San Francisco (CCSF) Information Security Analyst Apprenticeship Program will help train, employ, and retain the next generation of the cybersecurity professionals. This new and innovative program will enable employers to address the need for qualified Information Security Analysts by maximizing the capacity of their existing workforce and access a diverse pool of highly-qualified new cybersecurity workers.

The CCSF ISA Apprenticeship is registered with the California Division of Apprenticeship Standards and the U.S. Department of Labor, which provides both employers and apprentices with additional benefits and recognition. Candidates must complete pre-apprenticeship courses in network security fundamentals (or the equivalent training or certification) to be considered. During the apprenticeship, participants must complete a minimum of 157.5 hours of advanced related instruction and 2100 hours of on-the-job training. Employers may customize this related instruction and OJT to fit their needs. At successful completion of the program, apprentices are prepared to become an Associate of (ISC)² as they work to gain the necessary experience to achieve full CISSP status, the globally recognized cybersecurity certification.

For More Information Please Contact

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Applications Are Now Being Accepted
Download the Application and More Information at the Apprenticeship Page on the CCSF Website

How Long is the Apprenticeship Program?
• 18 months
• 40 hours of paid OJT per week
• At least 8.75 hours related instruction per month
• 6 month step wages toward a minimum of $39/hour at completion ($15.60/hour, $21.45/hour, $29.25/hour)

Where Are Courses Offered?
• Courses offered at CCSF online and evenings

What Are the Required Pre-Apprenticeship Courses Students or Current Employees Must Complete?
1. CNIT 102: Operating Systems II - Command Line
   OR CS 106 A: Introduction to Unix/Linux
2. CNIT 106: Introduction to Networks
   OR CNIT 201C: Introduction to Cisco Networks
3. CNIT 120: Network Security
4. CNIT 40: DNS Security*
   *May be waived for pre-apprenticeship and moved to post-apprenticeship upon approval by CCSF faculty

What Are the Information Security Courses Taken Concurrently With the Apprenticeship?
1. CNIT 121: Computer Forensics OR CNIT 152: Incident Response
2. CNIT 122: Firewalls
3. CNIT 123: Ethical Hacking & Network Defense OR CNIT 160: Cybersecurity Responsibilities

And Optionally, Two of the Following Courses
• Advanced Ethical Hacking
• Practical Malware Analysis
• Exploit Development
• Hacking Mobile Devices