



National Occupational Framework: Cybersecurity Analyst

Cybersecurity analysts plan, implement, and monitor security measures to protect computer networks and information. They assess system vulnerabilities for security risks, propose and implement risk mitigation strategies, ensure security controls are in place to safeguard digital files and electronic infrastructure, and respond to computer security breaches and viruses.

Cybersecurity Analyst
National Occupational Framework



<https://urban.is/43CORMG>

Apprenticeship: A Solution for Recruiting and Training Cybersecurity Analysts

Apprenticeship programs combine learning on the job and in the classroom to train workers in the exact skills needed by employers. Cybersecurity analysts are increasingly playing a critical role in IT departments by securing organizations' networks and data against cyberattacks. Apprenticeship programs can prepare these workers with the computer system, network, and cybersecurity knowledge and skills they need to enter and succeed in this high-growth occupation.



Apprenticeship Benefits:

90%
employment retention for apprentices

86%
of employers with programs recommend apprenticeship

\$1.44
return on investment for every dollar spent

WHAT'S INCLUDED IN A NATIONAL OCCUPATIONAL FRAMEWORK?

- background information to help you learn more about the occupation
- comprehensive list of the competencies apprentices need to do the job
- building blocks of information for employers developing a registered apprenticeship program

Questions? Visit the National Apprenticeship Resource Hub at apprenticeships.urban.org or contact the Urban Institute at apprenticeship@urban.org.



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