Cybersecurity Apprenticeships

Why Apprenticeship?

Cybersecurity apprenticeship programs are a promising approach for employers to attract, train, and retain a highly-skilled cybersecurity workforce.

Finding skilled cybersecurity talent is a critical and rapidly growing challenge for employers in every sector nationwide. Apprenticeship programs allow participants to “earn while they learn” through a combination of paid hands-on skills training and classroom instruction. Apprenticeships provide...

- employers with a proven, scalable method for building a steady pipeline of diverse, skilled talent
- students (K12, 2-, and 4-year college and university) with paid work experience, an accelerated career pathway, and credit for coursework toward program requirements
- current workers with a career pathway for upskilling or re-skilling

Employers, K12 and post-secondary educational institutions, and intermediary organizations (i.e., industry associations, workforce boards, training providers) can sponsor apprenticeship programs for youth (ages 16-24) and adults.

Apprentice Benefits

- Paid work from day one
- Real world job skill training
- Potential to earn college credit
- Portable, national credential
- Opportunity to earn industry-recognized certifications
- Ability to access GI Bill benefits including monthly housing allowance (MHA)

Apprentices make an average annual salary of $80,000 upon program completion.*

Cybersecurity Apprentice Roles

There are apprenticeable cybersecurity occupations for entry- and mid-level roles such as:

- Cloud Operations Specialist
- Computer Forensics Analyst
- Cybersecurity Support Technician
- Cybersecurity Incident Response Analyst
- Network Security Administrator
- Information Security Engineer
- Penetration Tester

97% of employers with apprenticeship programs recommend it as a training model.*

Learn more and join the NICE Apprenticeships in Cybersecurity Community of Interest: https://www.nist.gov/nice

Program completers earn $300,000 more over their careers than non-apprentice peers.*

*(Source: U.S. Department of Labor, Apprenticeship.gov)