



CYBERSECURITY EDUCATION AND CAREER DEVELOPMENT RESOURCES



EDUCATION

K-12

[CYBER.org](#): A not-for profit academic development center that provides K-12 cybersecurity curricula and hands-on professional development for teachers at no cost.

College/University

[National Centers of Academic Excellence Program](#): Jointly sponsored by CISA, the Federal Bureau of Investigation (FBI), and the National Security Agency (NSA), this program designates two- and four-year colleges and universities as top schools in Cyber Defense.

[CyberCorps: Scholarships for Service](#): CISA co-sponsors this program, providing scholarships for undergraduate and graduate degree programs focusing in cybersecurity, in return for service in federal, state, local, or tribal governments upon graduation.

CAREER DEVELOPMENT

General Public

[National Initiative for Cybersecurity Education \(NICE\) Cybersecurity Workforce Framework](#): A national resource that categorizes, organizes, and describes cybersecurity work. The NICE Framework provides educators, students, employers, employees, training providers and policy makers with a system for organizing the way we think and talk about cybersecurity work, and what is required of the cybersecurity workforce.

[National Initiative for Cybersecurity Careers and Studies \(NICCS\)](#): A part of CISA, the NICCS website is a national resource for cybersecurity awareness, education, training, and career opportunities. NICCS makes training information available through a robust, searchable catalog which allows users to find cyber training programs based on location, preferred delivery method, specialty area, or proficiency level.

- [Cyber Career Pathways Tool](#): This NICCS tool presents a new and interactive way to explore work roles within the Workforce Framework for Cybersecurity (NICE Framework).
- [Cybersecurity Workforce Training Guide](#): This guide helps professionals develop a training plan based on their current skill level and desired career opportunities. This downloadable, interactive guide is meant to be used with the [Cyber Career Pathways Tool](#).

[Federal Virtual Training Environment \(FedVTE\) – Public Courses](#): CISA offers no-cost, no login required cybersecurity courses for the general public, ranging from beginner to advanced levels.

[Incident Response Training](#): CISA offers no-cost cybersecurity Incident Response (IR) Training series with a range of offerings for beginner and intermediate cybersecurity analysts.

[Cybersecurity Education and Career Development](#): CISA provides educational information and resources to strengthen the nation's cybersecurity workforce through standardizing roles and helping to ensure we have well-trained cybersecurity workers today, as well as a strong pipeline of future cybersecurity leaders for tomorrow.

[CyberWarrior](#): CISA's non-traditional technical training program grantee, CyberWarrior, increases opportunity and economic mobility for people of all backgrounds through training, mentorship and technology. Through its CyberWarrior Academy, it delivers hands-on, intensive, lab-driven technical training in cybersecurity methods and procedures.

[NPower](#): CISA's non-traditional technical training program grantee, NPower, creates pathways to economic prosperity by launching digital careers for military veterans and young adults from underserved communities. NPower currently operates in Texas, New York, California, Maryland, Toronto, New Jersey, Missouri, and Michigan.

[Per Scholas](#): Per Scholas connects skilled talent to employment to build a more diverse workforce across America, especially in Newark, New Jersey, Chicago, New York City, and St. Louis.

[South Memphis Renewal Community Development Corporation](#): With over 20 years of experience working with underserved communities, SMRCDC increases and supports educational, training, and employment services along the Mississippi Delta River region.

Federal Employees

[Federal Virtual Training Environment \(FedVTE\) – Federal Employee Courses](#): CISA provides, through FedVTE, cybersecurity courses at all proficiency levels to federal employees. The site offers 850 hours of training mapped to the NICE Framework, including certification prep courses.

[Federal Cyber Defense Skilling Academy](#): A CISA 12-week cohort program created for federal employees to develop the baseline knowledge, skills, and abilities of a Cyber Defense Analyst (CDA).

[Incident Response Training](#): CISA offers no-cost cybersecurity Incident Response (IR) Training series with a range of offerings for beginner and intermediate cybersecurity analysts.

[Cyber Career Pathways Tool](#): This NICCS tool presents a new and interactive way to explore work roles within the Workforce Framework for Cybersecurity (NICE Framework).

[Cybersecurity Workforce Training Guide](#): The Cybersecurity Workforce Training Guide is for current and future federal, state, local, tribal, and territorial (SLTT) staff looking to expand their cybersecurity skills and career options. This downloadable, interactive guide is meant to be used with the [Cyber Career Pathways Tool](#).

Critical Infrastructure Operators

[Assessment Evaluation and Standardization \(AES\) Program](#): Designed to enable organizations to have a trained individual that can perform several cybersecurity assessments and reviews in accordance with industry and/or federal information security standards.

[Continuous Diagnostics and Mitigation \(CDM\) Training](#): Supports government-wide and agency-specific efforts to provide risk-based, consistent, and cost-effective cybersecurity solutions to protect federal civilian networks across all organizational tiers.

[CISA Tabletop Exercise Package](#): designed to assist critical infrastructure owners and operators in developing their own tabletop exercises to meet the specific needs of their facilities and stakeholders.

[Industrial Control Systems \(ICS\) Training](#): This free CISA training serves to protect against cyber-attacks to critical infrastructure, such as power grids and water treatment facilities.

[Incident Response Training](#): CISA offers no-cost cybersecurity Incident Response (IR) Training series with a range of offerings for beginner and intermediate cybersecurity analysts.