NICE

Community Resources

Public and Private Sector Programs in the Community

NICE coordinates a robust community working together to advance an integrated ecosystem of cybersecurity education, training, and workforce development. This mission is fulfilled by building on existing successful programs from industry, academia, and government.

CyberCareers.gov consolidates online access to tools, resources, and a guide to the cybersecurity workforce within the Federal Government. cybercareers.gov

CyberSeek provides an interactive map and pathway tool for exploring cybersecurity workforce supply and demand. *cyberseek.org*

Cybersecurity Career Week
nist.gov/nice/ccw

Cybersecurity Career Week is held the 3rd week of October, but career discovery resources are available year-round!

CISA's National Initiative for Cybersecurity Careers and Studies website, commonly known as NICCS, provides cybersecurity training, education, and career information. *niccs.cisa.gov*

NICE Cybersecurity Apprenticeship Program Finder is a tool to help locate cybersecurity apprenticeship programs throughout the United States. *nist.gov/nice/apprenticeship-finder*

The **NIST Educational STEM Resource Registry (NEST-R)** provides access to videos, lessons, information about real-world applications and internships, and more. *nestr.nist.gov*

The **NITRD STEM Portal** lists government-sponsored postdocs, fellowships, internship programs, and more. *nitrd.gov/stem4all*

The **Advanced Technological Education (ATE)** program supports curriculum development, professional development, career pathways, and more for two-year colleges. *atecentral.net*

The **Cybersecurity Education Training Assistance Program (CETAP)** equips K12 teachers with cybersecurity curricula and education tools. *niccs.cisa.gov/formal-education/integrating-cybersecurity-classroom*

National Centers for Academic Excellence in Cybersecurity (NCAE-C) designates colleges and universities in cyber defense, research, and operations. *nsa.gov/Academics/Centers-of-Academic-Excellence*

The **National K12 Cybersecurity Education Roadmap** provides strategies for increasing the quantity, quality, and diversity of students pursuing cybersecurity careers. *nist.gov/news-events/news/2021/12/roadmap-k12-cybersecurity-education*

LEARNING AND PROFESSIONAL DEVELOPMENT

The **CyberCorps: Scholarship for Service (SFS)** program provides scholarships for undergraduate and graduate (MS or PhD) education. *sfs.opm.gov*

The **GenCyber** program provides summer cybersecurity camp experiences for students and teachers at the K12 level. *gen-cyber.com*

Free and Low Cost Online Cybersecurity Learning Content is a curated list of online educational content. *nist.gov/itl/applied-cybersecurity/nice/resources/online-learning-content*

The **NICE Challenge Project** offers virtualized learning experiences for educational institutions, educators, and students. *nice-challenge.com*

The **US Cyber Games** scouts, trains, and sends a US Cyber Team to compete at the International Cybersecurity Challenge. *uscybergames.com*

DIVERSITY, EQUITY, INCLUSION & ACCESSIBILITY

Cyversity provides scholarship opportunities, diverse workforce development, innovative outreach, and mentoring programs. *cyversity.org*

> Informal and structured mentoring relationships can provide complementary benefits. Structured mentoring relationships tend to provide more academic support. Informal mentoring relationships tend to support personal development.
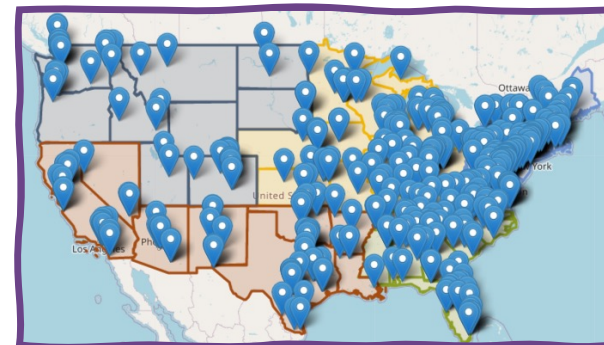>
> -*The Mentoring Effect,* Mentoring.org

Women in Cybersecurity (WiCyS) creates professional and student communities, mentorship programs, conferences, career fairs, job board resources, and other events. *wicys.org*

The **Women's Society of Cyberjutsu (WSC)** provides programs and partnerships that promote hands-on training, networking, education, mentoring, resource-sharing and other professional opportunities. *womenscyberjutsu.org*

OTHER RESOURCES

The **CAE Community** connects Centers of Academic Excellence (CAE) to collaborate, share resources, and assist prospective CAEs in the CAE application process. *caecommunity.org*

The **National Cybersecurity Education and Training Center (NCyTE)** invests in technological innovation, resources, professional development and tools to support faculty, community colleges, and more. *ncyte.net*

K12 Cybersecurity Resources for at Home is a curated list of books, games, and other materials for elementary, middle, and high school learning. *nicek12athome.weebly.com*

The **Veteran Resources** webpage provides a curated list of materials to help our nation's military transition to civilian cybersecurity careers. *nist.gov/itl/applied-cybersecurity/nice/resources/veteran-resources*

Learn more

🌐 nist.gov/nice   ✉ nice@nist.gov