Energizing and promoting a robust ecosystem of cybersecurity EDUCATION, TRAINING, and WORKFORCE development

The NICE Strategic Plan outlines the vision, goals, and objectives for the NICE Community. An Implementation Plan expands on this by identifying strategies for each objective.

- Promote the Discovery of Cybersecurity Careers and Multiple Pathways
- Transform Learning to Build and Sustain a Diverse and Skilled Workforce
- Modernize the Talent Management Process to Address Cybersecurity Skills Gaps
- Expand Use of the Workforce Framework for Cybersecurity (NICE Framework)
- Drive Research on Effective Practices for Cybersecurity Workforce Development

The NICE Workforce Framework for Cybersecurity (NICE Framework) establishes a common language to describe and share information about cybersecurity work. It is used by learners (including students, job seekers, and employees), companies, education and training organizations, and government to help promote careers, define jobs, recruit staff, and develop their workforce.

NICE Framework Building Blocks
Task, Knowledge, and Skill (TKS) statements are the core building blocks of the NICE Framework. These statements are used and applied via Work Roles, Competency Areas, and Teams. Using this approach across multiple workforce frameworks allows the same statements to be referenced when pertinent to more than one field of work.

NICE Framework Success Stories
Do you want to find out how others are using the NICE Framework? These short summaries highlight successful implementations, including why and how an organization has applied the NICE Framework and their results and lessons learned.

NICE Framework in Focus Interviews
Listen in on interviews with a cybersecurity practitioners who share about their career path, the kind of work they do and who they work with, and advice for others.
NICE Community Coordinating Council
Join the Community Coordinating Council to lead concept development, to design strategies, and pursue actions that advance cybersecurity education, training, and workforce development. Includes participation from the public and private sector.

Working Groups and Communities of Interest include:
- Talent Management
- Career Discovery
- Transform Learning
- Apprenticeships
- Competitions
- Diversity and Inclusion
- K12 Cybersecurity
- NICE Framework

NICE Interagency Coordinating Council
The NICE Interagency Coordinating Council convenes federal government partners for consultation, communication, and coordination of programs, projects, and initiatives to grow and sustain the Nation’s cybersecurity workforce. The meetings provide an opportunity to communicate strategic priorities and program updates, to identify and discuss policy issues, and to provide input to the NICE community.

NICE Planning Committees
Experts from industry, academia, and government contribute their time and ideas to strengthen cybersecurity education, training, and workforce development.

NICE Webinars
NICE monthly webinars feature speakers who engage with learners, industry, and government on key cybersecurity workforce issues — from current trends to successful models and common challenges.

NICE Conference and Expo
The annual NICE Conference and Expo can’t be missed! Hear the latest on topics of interest to the cybersecurity profession; network with thought leaders from education, government, industry, and non-profits; and learn about the most recent cybersecurity developments, products, and services.

NICE K12 Cybersecurity Education Conference
The annual NICE K12 Cybersecurity Education Conference is where cybersecurity educators for today’s K12 youth come together. Attendees learn strategies for designing cybersecurity career pathways, innovative approaches to cybersecurity education, ways to promote cyber awareness, and more.

Cybersecurity Career Week
Cybersecurity Career Week takes place during the third week each October to call attention to the contributions to society and innovations that cybersecurity practitioners make. Find resources, ideas on how to promote and learn about cybersecurity, and engage with others!

FISSEA Conference and Forums
The Federal Information Security Educators (FISSEA) Conference and Forums elevate issues and support learning that assists Federal agencies in strengthening their employee cybersecurity awareness and training programs.

NICE News
News articles that spotlight academic, industry, and government developments of interest to the cybersecurity workforce community; updates on key NICE programs and projects; and other important news and trending topics in the NICE Community.

NICE One-Pagers
These easy-to-read fact sheets on subjects like Workforce Demand and Cybersecurity Apprenticeships give you a quick overview and point you to more information to help you quickly learn about a topic.

NICE Framework Resource Center
Do you want to learn more about the NICE Framework, find out how to implement the Framework, or want to find tools and resources that you can use when sharing it with others or using it for your own career? The NICE Framework Resource Center is the place to come to get ideas and support.

NICE Cybersecurity Apprenticeship Program Finder
This tool helps you locate cybersecurity apprenticeship programs throughout the United States. Programs may include youth apprenticeships and pre-apprenticeship training programs, as well as virtual training schemes.

Veteran Resources
This resource page provides information on career preparation, educational topics, and links to federal and non-profit programs that assist United States military veterans who are considering a career in cybersecurity.

Online Cybersecurity Learning Content
This is a curated list of free and low-cost online educational content on topics such as information technology and cybersecurity.

Learn more
nist.gov/nice  nice@nist.gov  @NISTCyber