

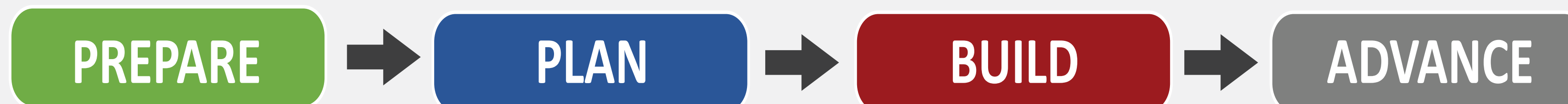
National Initiative for Cybersecurity Education (NICE)

Mission: energize and promote a robust network and an ecosystem of cybersecurity education, training, and workforce development

NICE FOR EMPLOYERS



- Address market demands and enhance recruitment, hiring, development, and retention of cybersecurity talent
- Use the NICE Cybersecurity Workforce Framework (NICE Framework), which categorizes cybersecurity work and establishes a taxonomy and common lexicon that describes cybersecurity work and workers, to develop position descriptions and guide professional development
- Apply the workforce planning toolkit stages and recruit diverse candidates using position descriptions aligned to the NICE Framework



Note: see the DHS Cybersecurity Workforce Development Toolkit at niccs.us-cert.gov



NICE FOR EDUCATION AND TRAINING PROVIDERS



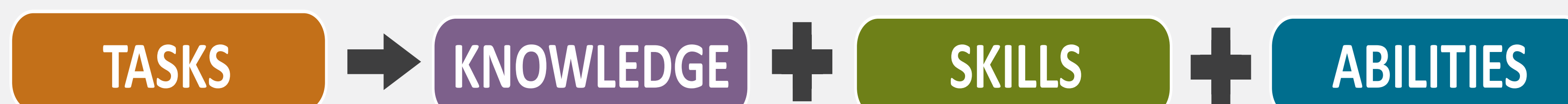
- Strengthen education and training across the ecosystem to emphasize learning, measure outcomes, and diversify the cybersecurity workforce
- Recognize the interdisciplinary nature of the cybersecurity field and how the broad categories of the NICE Framework demand learners from a variety of diverse backgrounds
- Align curriculum, degrees, certificates, and certification programs to components of the NICE Framework
- Promote cybersecurity career awareness for students, job seekers, and workers
- Develop competencies through hands-on and work-based learning and measure proficiencies through performance-based assessments



NICE FOR LEARNERS (Students, Job Seekers, and Workers)



- Explore cybersecurity careers using the CyberSeek.org interactive jobs heat map and career pathway portal
- Develop, update, and demonstrate your knowledge and skills necessary to perform tasks as described in the NICE Framework



- Grow your career through training and mentoring
- Practice soft skills including written and oral communication, teamwork, and problem-solving
- Demonstrate competencies through competitions, internships, apprenticeships, and other approaches to work-based learning

