National Cybersecurity Career Awareness Week
November 13-18, 2017
National Initiative for Cybersecurity Education (NICE)

Problem
There is an increasing need for qualified cybersecurity professionals, and a lack of understanding about what a cybersecurity professional does, what jobs are available in cybersecurity, and what cybersecurity career and academic pathways exist.

There are an estimated 299,000 active openings for cybersecurity-related jobs in the United States as of August 2017 (CyberSeek).

Globally, projections suggest a cybersecurity workforce shortage of 1.8 million by 2022. (ISC)²

Cybersecurity Awareness # Cybersecurity Career Awareness

Objectives
• Create excitement around increasing public awareness and engagement in building a strong cybersecurity workforce.
• Emphasize the demand and opportunities in the field of cybersecurity.
• Increase awareness around the multiple career options within the field of cybersecurity.
• Highlight the numerous pathways to enter the cybersecurity career field.
• Showcase programs that increase participation of women, minorities, veterans, persons with disabilities, and other underrepresented populations in the cybersecurity workforce.
• Advance the NICE Strategic Plan objective to inspire cybersecurity career awareness with students.

About
The National Cybersecurity Career Awareness Week, brought to you by the National Initiative for Cybersecurity (NICE), is a week-long celebration focused on increasing awareness about careers in cybersecurity and how building a national cybersecurity workforce enhances America’s security and economic prosperity.

NICE brings to the forefront information of local, regional, and national interest to inspire, educate and engage citizens to pursue their interest in cybersecurity careers.

National Cybersecurity Career Awareness Week takes place during November’s National Career Development Month, and each day of the week-long celebration provides an opportunity to learn about the contributions, innovations, and opportunities that can be found by choosing a career in cybersecurity.

Activities
Day 1: Nov. 13, 2017 – Kickoff Event at the National Cybersecurity Center of Excellence
Day 2: Nov. 14, 2017 – Increasing underrepresented populations
Day 3: Nov. 15, 2017 – Webinar Nontraditional Pathways of Apprenticeship and Cooperative Education
Day 4: Nov. 16, 2017 – Infusing Cybersecurity Across the Education Portfolio
Day 5: Nov. 17, 2017 – Identifying Academic and Career Pathways
Day 6: Nov. 18, 2017 – Increase Career Awareness through Informal Activities.

The 2017 activities have been organized around the four prongs of the K-12 Cybersecurity Education Implementation Plan, however, we encourage all stakeholders to engage in the week-long celebration.

References
2. (ISC)²: http://www.isc2.org/cybersecurity-workforce-salary
3. NICE Framework: http://nispod.gov/frameworks
4. NCCAW: http://nccaw.cstic.org

How Do I Get Involved?
1. Visit the website nist.gov/nice/nccaw
2. Add the Facebook NCCAWFrame
3. Use Hashtags:
   • #MYCYBERJOB
   • #CYBERCAREERWEEK
4. Share the CyberSeek Career Pathway Tool

Figure 1. NICE Framework Categories
Figure 2. NCCAW Website
Figure 3. NCCAW Banner
Figure 4. Academic Disciplines and NICE Framework Categories
Figure 5. NCCAW Facebook Frame