November 2020

NCyTE News:

Two Additional Sessions of High-demand CMMC Workshop Now Open for Registration

The NCyTE Center has scheduled two more sessions of its popular workshop on the Cybersecurity Maturity Model Certification (CMMC) and the defense supply chain. The two-day workshop, held from 8:00 am to 3:30 pm Pacific time each day, is offered free of charge thanks to a grant from the National Science Foundation. Space is limited.

Register for the Nov. 30–Dec. 1 workshop →

Register for the Dec. 17-18 workshop →

NCyTE's first virtual workshop on the topic, held in October, filled up in one week due to high demand. The course is led by Professor John Sands of Moraine Valley Community College in Chicago, who is also the Principal Investigator and Director of the Center for Systems Security and Information Assurance (CSSIA).

The CMMC is a unified standard for implementing cybersecurity across the companies included in the defense industrial base. The model is design to protect our national Department of Defense (DoD) supply chain from cyber criminals and state-sponsored attacks. Soon over 300,000 contractors seeking new contracts with the DoD will need to meet the new requirements.

The NCyTE workshop teaches participants to build compliant programs and train others to do the same. Attendees will receive an Instructor Guidebook, Student Guidebook, training resources, and a Canvas course package.

Read More →

November Member Webinar:

Overview of Cyber Supply Chain Risk Management

This Friday, November 20, NCyTE Co-Principal Investigator (Co-PI) Dr. Philip Craiger presents on Cyber Supply Chain Risk Management at the Member Webinar, at 9:00 am Pacific Time.

The last decade has seen increased awareness of threats to the supply chain for information technology products, as such threats have clear implications for national security. Government regulations and guidelines for the procurement and acquisition of products is now part of what is called *Cyber Supply Chain Risk Management*. C-SCRM was defined by the National Institute of Standards and Technology as “the process of identifying, assessing, and mitigating the risks associated with the distributed and interconnected nature information and operation technology products and service supply chains.”

Register Now →

Want to prepare for the webinar, or unavailable to participate Friday morning? Watch videos on this topic on the **NCyTE Center YouTube Channel**.

NCyTE News:

Stephen Miller Speaks on Engaging Native American Communities in Community College Partnerships

Professor Stephen Miller of Eastern New Mexico University—Ruidoso, an NCyTE Co-Principal Investigator (Co-PI), presented on "NCyTE Industry Night Impact—Engaging Native American Communities to form Community College and Industry Partnerships" at the virtual 2020 National Advanced Technological Education Principal Investigators Conference in October.

His presentation described why many colleges and universities are hosting events that bring together business leaders, students, and representatives of the wider community to discuss cybersecurity workforce development. The NCyTE Center frequently sponsors Industry Nights held by educational institutions that are NCyTE members.

As an example of possible outcomes of these gatherings, Miller related how a May 2019 Industry Night at ENMU–Ruidoso helped connect leaders of the Mescalero Apache Tribe with local cybersecurity degree programs and venture capitalists. The resulting partnership is planning to build a cybersecurity facility that would benefit students and local businesses alike.

Interested in hosting an industry event at your college? Find out more about **sponsored Industry Nights** on the NCyTE website.

NCyTE sponsored:

New NICE Challenges Launched Based on NICE Framework Work Roles

The NCyTE Center has funded the creation of a new set of NICE Challenges (short virtual labs) focused on seven real-life Work Roles described in the NICE Cybersecurity Workforce Framework "Operate and Maintain" category.

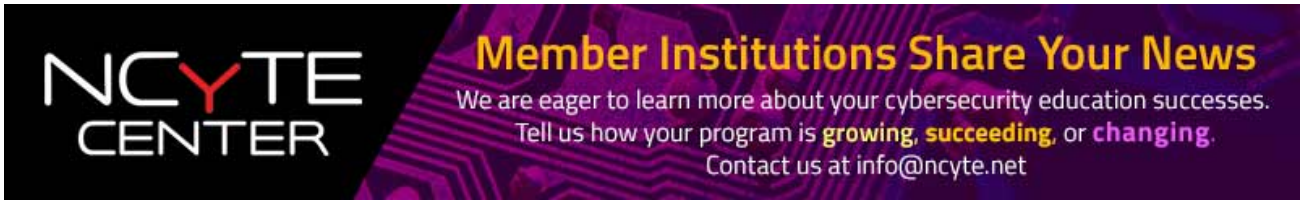
Faculty can use these "Crash Course" challenges in the classroom to assess students' ability to perform key tasks that arise in specific roles:

- Data Analyst Crash Course
- Database Administrator Crash Course
- Knowledge Manager Crash Course
- Network Operations Specialist Crash Course
- System Administrator Crash Course

- Systems Security Analyst Crash Course
- Technical Support Specialist Crash Course

These and many other cyber challenge labs are available through the **NICE Challenge Webportal**. The NICE Challenges are available at no cost to U.S.-based educational institutions, educators, and students. No software installation is required; only a desktop web browser is necessary.

For more information, NCyTE members can watch the center's **five-part video series** on the NICE Framework and NICE Challenges.



NCyTE CENTER

The National Cybersecurity Training & Education Center (NCyTE) is funded by the National Science Foundation. NCyTE's mission is to increase the quantity and quality of the cybersecurity workforce throughout the nation. NCyTE Center is based in Bellingham, WA at Whatcom Community College. For more information visit www.ncyte.net.

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—Stephen Miller
Cal State San Bernardino
—Tony Coulson
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