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December 2020

NCyTE News:
High-demand CMMC Workshops Continue to Fill Up

NCyTE Center's two-day workshops on the Cybersecurity Maturity Model Certification (CMMC) and the defense supply chain, held virtually in late November and December, have filled to capacity, as did the initial workshop session in October.

The November 30–December 1 workshop was attended by 33 participants. Registration for the December 17–18 workshop hit capacity in advance of this week, with more than 40 people on the wait list.

Due to the high demand, NCyTE plans to offer the two-day workshop two additional times in early 2021.

NCyTE members wanting a brief introduction to the CMMC may consider attending the virtual **Winter ICT Educators Conference**, hosted by the Western Academy Support & Training Center (WASTC) on Thursday, January 7 and Friday, January 8, 2021. Ms. Corrinne Sande, Principal Investigator (PI) and Director of NCyTE, will provide a 30-minute presentation on the CMMC on the first day of the conference.

NCyTE's two-day virtual workshop is taught 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). Funded by a grant from the National Science Foundation, the workshop is free.

The CMMC is a unified standard for implementing cybersecurity across the companies included in the defense industrial base. The model is designed 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.

January Member Webinar:
Revisions to the NICE Framework
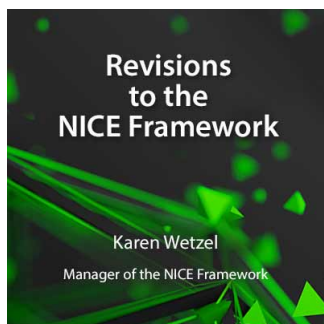
At the Member Webinar on Friday, January 15, 9:00 am Pacific Time, the guest speaker will be **Karen A. Wetzel**, the Manager of the NICE Framework, National Initiative for Cybersecurity Education (NICE), National Institute of Standards and Technology, U.S. Department of Commerce.

Her presentation will introduce the changes that have been made to the NICE Framework following a year-long effort to review and update it.

The **Workforce Framework for Cybersecurity** (aka the NICE Framework) serves as a common, consistent lexicon that categorizes and describes cybersecurity work, improving communication about how organizations can identify, recruit, develop and retain cybersecurity talent.

Ms. Wetzel will provide an overview of the revised framework, with a focus on what's changed; suggest tools to help industry, government and academia implement the framework; and explain how the framework and the CAE Knowledge Units (KUs) align.

Register Now →

Want to prepare your questions for this guest speaker? Read the blog post "**Back to the Basics: Announcing the New NICE Framework**" on the Cybersecurity Insights blog, published on the National Institute of Standards and Technology website.

NCyTE Resources:
# What's New in NCyTE's Member-Only Webinar Video Library

Throughout 2020, NCyTE has been pleased to welcome many colleges, high schools, and universities as new member institutions. Representatives of these new member schools may be exploring the video library for the first time, while others may want to watch videos of member webinars they could not attend live during the past year.

An approved, **Member-level NCyTE website account** is required to access these videos. To see Member Webinar video options, log in to your website account, then find the "Member Menu" drop-down at the right end of the top navigation bar, and select "Member Webinars."
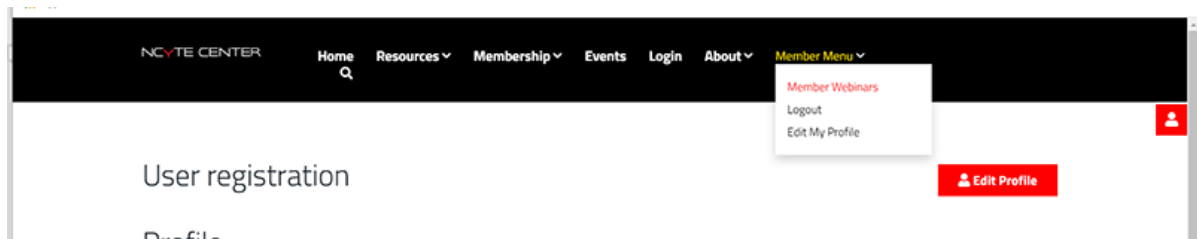
The Member Webinar Videos page provides access to videos of the following webinars:

- November 2020: J. Philip Craiger, "Overview of Cyber Supply Chain Risk Management (C-SCRM)"
- October 2020: Dan Manson, "Mapping the NCL Competition to the NICE Framework Workroles"
- September 2020: Corrinne Sande, "C5 Project Overview—C5 Lessons and C5 Modules"
- August 2020: Lynne Clark, Susanne Wetzel, and Vincent Nestler, "CAE Tools for Measuring Cybersecurity Competency"
- July 2020: Carl Willis-Ford, "How to Manage Insider Cybersecurity Threats: Non-malicious Insiders"
- February 2020: Dan Manson and Kaitlyn Bestenheider, "National Cyber League Spring Season"
- January 2020: Yair Levy and Karen Leuschner, "Changes to the CAE"
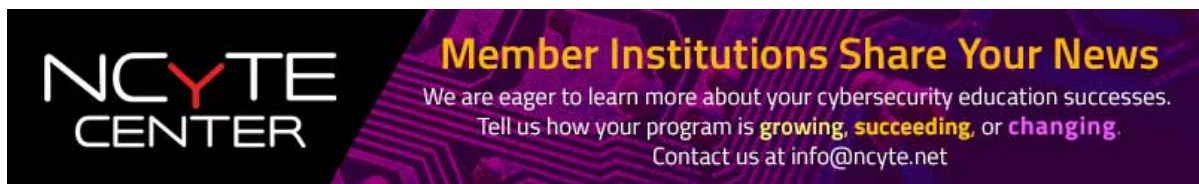
Training Opportunities:
Free Workshops on WiFi Hacking for Cybersecurity Educators & Students

A partnership between the **Department of Informatics and Networked Systems, School of Computing and Information, University of Pittsburgh** and the **North Central Region (NCR) Cyber Training Center (CTC) for Cybersecurity at Dakota State University** has made possible free two-day workshops on WiFi hacking in January, one for educators and one for students.

On January 13-14, faculty teaching at 2-year and 4-year U.S. institutions can attend the virtual workshop "Building and Hacking an Exploitable WiFi Environment for your Classroom." The instructor will go over setting up the whole environment with VPN access so that students can have dedicated machines to use for learning the WiFi attacks discussed.

Register for faculty workshop →

U.S. high school and college students can take "Hands-on WEP and wpa2 WiFi Hacking" over the weekend of January 16-17. Students need to be able to download and import a custom Kali VM, connect to the VPN, then SSH into a dedicated machine, in preparation to engage in the workshop activities within the sandboxed WiFi environment.

Register for student workshop →

Workshop participation is free thanks to sponsorship by Dakota State University (DSU) NSF Award #1730105.

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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