

Logo of NCyTE Insights, the newsletter of the National Cybersecurity Training & Education Center

June 2021

JUNE MEMBER WEBINAR

National Airspace System Cybersecurity

At this month's Member Webinar, on Friday, June 25, at 9 am PDT, NCyTE Co-PI Dr. Philip Craiger presents on the [video resources](#) on National Airspace System (NAS) cybersecurity he created for NCyTE's YouTube channel.


He will explain the contents of the three videos in the series, which includes the components and complexity of the NAS, cyber threats to aircraft systems, and airport cybersecurity. There also will be discussion of how faculty and teachers can use the videos.




[Dr. Philip Craiger](#) is a Professor of Cybersecurity in the Department of Security Studies and International Affairs at Embry-Riddle Aeronautical University.

Representatives of NCyTE member institutions can register to attend this webinar by clicking the button below.

Register



Designed by faculty and cybersecurity experts to align with various portions of curricular frameworks.

[FREE Download >](#)

PROFESSIONAL DEVELOPMENT

New Opportunity to Attend NCyTE's Free Two-Day CMMC Workshop: July 1-2

NCyTE members who have not yet participated in the two-day virtual introduction to the [Cybersecurity Maturity Model Certification \(CMMC\)](#) should consider registering for the free online workshop next week, Thursday and Friday, July 1-2, 2021.

The CMMC is a unified standard for implementing cybersecurity across the companies included in the defense industrial base. Significant compromises of sensitive U.S. defense information on vendor computer networks have prompted new rules and requirements. More than 300,000 new and existing Department of Defense (DoD) contractors seeking new contracts with the DoD must meet requirements announced January 1, 2020. The model is design to protect our national DoD supply chain from cyber criminals and state-sponsored attacks.

The virtual workshop introduces CMMC requirements to college faculty for inclusion in their courses and to small business IT personnel for application to their business. It provides an overview of how to prepare for future certification, including its requirements, impact and importance for contractors working with the DoD.

The CMMC workshop is sponsored by NCyTE with funding made available through a grant from the National Science Foundation awarded to Whatcom Community College. The course is free.



[Sign up](#)

CYBERSECURITY EDUCATION NEWS**NCyTE Center Hosting Future Directions Summit this October**

In 2002, the National Science Foundation (NSF) co-sponsored a workshop and resulting report titled "Protecting Information: The Role of Community Colleges in Cybersecurity Education."

Nearly 20 years later, cybersecurity education has evolved dramatically—and along with it, the cybersecurity threats and needs of the nation.

NCyTE is hosting a [two-day summit](#) this October that will bring together leaders and stakeholders in cybersecurity education including community college faculty and administrators, corporate partners, and government representatives. This Summit is held in collaboration with National CyberWatch Center and the National Center for Systems Security and Information Assurance (CSSIA).

Invited participants from across the nation will examine progress and impact made by community colleges to national and economic security and the workforce since the initial conference in 2002, and will contribute to recommendations for future strategies and initiatives.

"The Role of Community Colleges in Cybersecurity Education—Future Directions: 2021 Summit" is funded by National Science Foundation Advanced Technological Education Grant #1937905, awarded to Whatcom Community College.

Attendance at the Summit is by invitation only, but the resulting publication will be free to all interested parties. Members wanting to learn more about the summit topics can watch [episodes of a videocast](#) in which the presenters discuss their research topics.

To sign up to receive notification when the publication can be downloaded, complete the online form reached by clicking the button below.



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NEWS FROM NCYTE MEMBERS:

- Starting next week, St. Mary's University in San Antonio, TX, is hosting the [C³ Coding and Cybersecurity Camp](#). The five-day summer camp is an opportunity for students in Grades 9 through 11 to explore cybersecurity and computer coding in C and Python.
- Professors Skip Berry and Don "Ajené" Wilcoxson of Riverside City College in Riverside, CA, have been awarded an [NSF-ATE grant](#) to develop a certificate program that merges two disciplines, cybersecurity and entrepreneurship. The Cyberpreneurship program will train cybersecurity professionals how to be their own boss and provide independent contract work and managed services for small to mid-sized businesses. Students will learn to start and manage their own business and leverage artificial intelligence and machine learning to automate threat detection and response.
- Riverside City College has launched two cybersecurity registered apprenticeship programs, in partnership with the [California Division of Apprenticeship Standards](#) and the [LAUNCH Apprenticeship Network](#). Registered apprentices will have the opportunity to be placed for 12 months with Inland Empire companies and have their tuition waived while being paid to learn on the job.



 Logo of the National Cybersecurity Education & Training (NCyTE) Center

The National Cybersecurity Training & Education (NCyTE) Center advances cybersecurity education in the U.S. by investing in technological innovation, resources, professional development and tools to support faculty, community colleges and the workforce pipeline of tomorrow.

 Logo of the National Science Foundation (NSF)

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