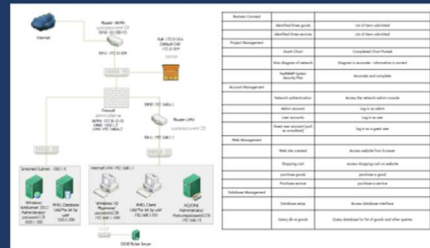


# NCyTE insights

## Virtual Cyber Career Challenge January 19<sup>th</sup> | 9 am PST



Dr. Vincent Nestler  
California State University  
San Bernardino



### NCyTE Monthly Meeting: Virtual Cybersecurity Career Challenge

January 19 | 9 am PST

Virtual

[Register Today!](#)

Get your team ready to join the next cohort in March!

Are your students ready to apply what they have learned in cybersecurity? Do they need a capstone project? The 2024 Virtual Cybersecurity Career Challenge is a ten-week program that starts March 4<sup>th</sup>. Students will work in teams of three and apply their leadership, team building, and cybersecurity skills to create a virtual network of

machines. This year we are asking instructors to recommend a team from their college to participate.

*“The ability to communicate cross-team demonstrated our adaptability to succeed, despite being pressed for time to complete the objective.” Cyber Career Challenge Student*

*“I enjoyed the team aspect the most and the ability to discover more about my skills as they appeared with more contrast in this environment.” Cyber Career Challenge Student*

Cybersecurity instructors, program advisors, and employers will find the meeting valuable. Find out how students can apply this experience to a capstone project, earn credits, and build their resumes. Students will:

- Develop a project plan for an Information System that supports a fictitious business.
- Utilize project management tools for communication and project implementation.
- Operate a network of nine devices within specific technical requirements
- Defend the network against a penetration test.
- Analyze the network for evidence of attacks or compromise resulting from penetration testing.

Students must attend one of the Virtual Cybersecurity Career Challenge Information Sessions. See next article for more information.

[Register Today!](#)

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### **Virtual Cybersecurity Career Challenge Student Information Session**

Students applying for the Virtual Cybersecurity Career Challenge must attend one of the upcoming information sessions. The information session covers student expectations, the application process, and resources with time for Q & A. Students, program advisors, career counselors, and faculty are encouraged to attend.

The next Virtual Cybersecurity Career Challenge begins March 4<sup>th</sup>.

See the previous article to learn more about the Virtual Cybersecurity Career Challenge.

## Register Today!

Select one

[February 12, 11 am PST](#)

[February 13, Noon PST](#)



## Cybersecurity Across Disciplines

Save the Date!

June 12-13, 2024

Join us for an in-person conference at Moraine Valley Community College!

The goal of the conference is to bring together community college faculty from various disciplines to learn from each other and address the growing demand for cybersecurity education across disciplines. No previous cybersecurity experience is required and a travel stipend is available for eligible participants.

More information will become available soon. Sign up on the CyAD information page to receive notifications about registration and opportunities to participate in the event.

Spread the word!

As technology permeates our daily lives and has become embedded in nearly every product and service we rely upon today, cybersecurity is of critical importance. A key objective of the conference is to raise cybersecurity awareness across disciplines about cyber risk, academic resources to address these risks and to build community.

Please encourage your colleagues in all STEM disciplines at your institution to attend!



## Cybersecurity Program Development & Centers of Academic Excellence (CAE) Workshop

February 9th | 8:30 am - 4:00 pm

Highline Community College, WA

Ready to fully develop a cybersecurity program at your institution? With over 570,000 cybersecurity job openings nationwide ([Cyberseek](#)), a cybersecurity program could increase enrollments, expand employer connections, and open new opportunities for grant funding.

### **WHO SHOULD ATTEND**

Faculty and administrators from regionally accredited institutions that don't have a cybersecurity program or have a program that has not earned the CAE (Centers of Academic Excellence) Designation are eligible to attend. Contact Tosha Wade if you have questions. [twade@whatcom.edu](mailto:twade@whatcom.edu).

### **WORKSHOP TOPICS**

- How to utilize national standards (NICE, CAE) to develop or improve a cybersecurity program.
- Steps to develop a cybersecurity program including cost estimates and curriculum resources.

- Funding sources for proposed or existing cybersecurity programs.
- Tips and resources for a successful grant proposal.
- Overview of the National Security Agency (NSA) Program of Study (PoS) validation and CAE designation application process.

## PRESENTERS

Chris Rondeau

Professor of Network Security at Bossier Parish Community College

## REGISTER TODAY!

Seats are limited. Travel stipends are available for eligible applicants.

[Register](#)



National Community College Cybersecurity Fellowship Program

**Share This Exciting Opportunity with Your Graduating Students**

Cybersecurity faculty are in short supply across the nation! To meet the demand, the National Community College Cybersecurity Fellowship Program prepares students for a career path teaching cybersecurity in a community college.

Participants will gain experience creating lesson plans and syllabi, leading a classroom, and more. The program is open to students in their final year and recent graduates (within a year) with a bachelor's or master's degree in cybersecurity.

Eligible participants receive a stipend of up to \$4,500.

*Seats are limited! Encourage students to apply for one of the virtual orientations by January 24, 2024.*

[February 9 | 9 - 1 pm PST](#)

[February 21 | 2 - 6 pm PST](#)

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### **Faculty Externship Program**

Gain hands-on, relevant, industry knowledge you can apply in the classroom

We are looking for both interested Faculty and Industries/Employers. Check out the program requirements to find the value this will bring to your pedagogy.

[Learn More....](#)

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### **Peer Reviewers & Mentors for CAE Research & Operations Needed**

The CAE Candidates National Center (CCNC) needs peer reviewers and mentors in Cyber Operations and Research.

In partnership with the National Security Agency (NSA), the CCNC helps regionally accredited U.S. colleges and universities prepare high-quality applications for the National Centers of Academic Excellence in Cybersecurity designation. The CAE Candidates Program needs mentors and pre-submission reviewers to assist new



applicants in earning the CAE designation. Applications are being accepted and considered.

To qualify, individuals must have significantly contributed to a CAE application resulting in the award of the designation for their institution. This work requires a strong understanding of both the Program of Study validation and the CAE application process. Additional requirements and expectations are listed on the application web page.

A workshop for new mentors and peer reviewers will be in Fort Lauderdale Florida in May 2024. Apply to be eligible.

[Apply](#)



### NCyTE Membership Benefits!

450 Member institutions and growing

Becoming an institutional member means access to curriculum resources, travel support to attend cybersecurity-related conferences and events for professional development, access to industry partners, resources for workshops, visibility through the NCyTE Center website, newsletter, and social media, and access to a growing cybersecurity community.

Find out if your institution has a membership by visiting the NCyTE [members page](#).

To learn more and apply visit NCyTE's [membership page](#).

[Become an NCyTE Member today!](#)



The image is a promotional graphic for a video titled "SOC-in-a-Box". The top half features a scenic background of a forest with autumn foliage and a white building with a steeple. The title "SOC-in-a-Box" is written in large white letters across the center. Below the title, there are two portrait photos. On the left is John Kunelius, a man with glasses and a beard, wearing a dark suit jacket over a light blue shirt. On the right is Caleb Paquette, a young man with short brown hair, wearing a dark suit jacket over a white shirt and tie. Below each photo is their name and title.

**SOC-in-a-Box**

**John Kunelius**  
Vice President/COO  
Norwich University Applied Research  
Institutes (NUARI)

**Caleb Paquette**  
Senior System Security Administrator  
Norwich University Applied Research  
Institutes (NUARI)

### **NCyTE YouTube Channel**

Watch the latest YouTube video, SOC-in-a-Box. In November, the NCyTE monthly meeting featured John Kunelius and Caleb Paquette from the Norwich University Applied Research Institutes. Watch this 45-minute video to find out how they approached SOC-in-a-Box to facilitate solutions for small businesses using student interns.

[Visit the NCyTE YouTube Channel](#)

[View NCyTE Monthly Membership Meeting Info](#)



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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.

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NCyTE Center is funded by the National Science Foundation by Grant #2054724.

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