

## Enhance Your Cybersecurity Pedagogy Skills

During NCyTE's Member Meeting on Friday, July 22, NCyTE Co-PI [Dr. John Sands](#) will present professional development opportunities in cybersecurity for current community and technical college faculty.

NCyTE offers workshops and academies designed for faculty from cybersecurity and non-cybersecurity fields (e.g., Computer Science, Information Technology, Business Management, Automation and Manufacturing, and Automotive Technology).

Benefits of participating in a workshop / academy can include:

- Learning about cybersecurity topics applicable to both technical and non-technical disciplines.
- Earning a cybersecurity industry certification.
- Gaining experience with innovative pedagogical methods.
- Receiving a stipend (for eligible participants who successfully complete a workshop / academy).

Attend this member meeting to find out more about these opportunities. NCyTE membership is *not* required to participate.

**REGISTER NOW**

---

## Member Meeting - August Sneak Peek

Join NCyTE for a [Monthly Member Meeting on August 19](#). Dr. Vincent Nestler and NCyTE Co-PI [Stephen Miller](#) will discuss a recent project involving California State University, San Bernardino (CSUSB) students. Participants used the [Cyber Security Evaluation Tool](#) (CSET) to help local organizations examine their cybersecurity posture against a specific standard.

College faculty and small business personnel are encouraged to attend and learn more about setting up similar collaborative projects in their area. [Register now](#).

---

## Automobile Security – Car Penetration Testing

NCyTE will host two in-person faculty development academies on [Automobile Security – Car Penetration Testing](#) on August 10th and 12th during the [Experience STEAM](#) event at Mall of America, hosted by the [National Center for Autonomous Technologies](#) (NCAT). Bryson Payne, Ph.D., Director of the Institute for Cyber Operations at the University of North Georgia, will lead the academies.

As vehicles' autonomous capabilities advance, they become increasingly vulnerable to cyberattacks. The academies will expand faculty's knowledge and ability to incorporate new leading-edge cybersecurity content into

curriculum while exploring the fascinating area of car penetration testing and hacking.

Topics will include:

- Common vulnerabilities and potential impacts.
- Communication medias used to control autonomous systems.
- Autonomous vehicle control applications and simulators.
- Attack demonstrations.
- Identifying different types of security measures.

Faculty from cyber and non-cyber fields, including Automotive Technology, Information Technology, Automation and Manufacturing, and Computer Science, are encouraged to attend.

[Register now!](#)

---

### **How Does CMMC 2.0 Affect Your Students?**

A few slots are still open in NCyTE's [Cybersecurity Maturity Model Certification \(CMMC\) 2.0 workshop](#) on July 26 – 27.

This workshop will address the new Department of Defense (DoD) requirements in the updated CMMC 2.0, which include moving from a five-level compliance model to a three-level model, shifting most auditing requirements to the DoD, and revising the program to mirror NIST 800-171 more closely.

All attendees will receive an Instructor Guidebook, Student Guidebook, training resources, and a Canvas course package. Cybersecurity faculty and small business IT personnel are encouraged to attend. [Register here!](#)

---

### **NCyTE Video Resources for the Classroom**

Last month, NCyTE Co-PI Dr. Philip Craiger led an informative NCyTE Monthly Member Meeting centered around NCyTE's YouTube channel and how faculty and instructors can incorporate the cybersecurity resources it offers into their classrooms. If you missed the meeting, a recording of it is available [here](#).

New videos are posted to NCyTE's YouTube frequently— including additions to the *Cybersecurity in Critical Infrastructures* series. [Subscribe now](#) to ensure you don't miss the latest content.

---



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.

**Lead Institutions:** *Whatcom Community College*, Corrinne Sande, Director/PI; *ENMU Ruidoso*, Stephen Miller; *Cal State San Bernardino*, Tony Coulson; *Embry-Riddle Aeronautical University*, Philip Craiger

---



**NCyTE Center is located at:** Whatcom Community College, 237 W. Kellogg Road, Bellingham, WA, 98225  
Tel: (360) 383-3175 | Email: [ncyte@whatcom.edu](mailto:ncyte@whatcom.edu)

---



NCyTE Center is funded by the National Science Foundation by Grant #2054724, Grant #1800589 and Grant #1902329.

---

*This message has been sent to you by NCyTE Center. You may [unsubscribe](#) at any time.*