NCYTE insights

CYAD

Cybersecurity Across Disciplines

August 1 & 2, 2023

Moraine Valley Community College

Palo Hills, Illinois

Registration is free!

(July 16th is the last day to register.)

Everyone is vulnerable to cyber-attacks! At this in-person conference, community college faculty from across disciplines will learn how to integrate cybersecurity education into their programs.

There will be workshops and hands-on training focused on cybersecurity threats in manufacturing and automation, critical infrastructure, business, healthcare and life sciences, automotive, autonomous systems, and other fields. No experience in cybersecurity is needed.

Need funding for travel expenses? Travel stipends are available for eligible attendees. You could qualify for up to $1,500 to cover transportation, meals, and other costs. Learn more.

Travel information! Directions, hotel options, meals – It's all here.

Visit the CyAD webpage for more information & updates!

The NCyTE Center Presents

July 21st

9:00 AM PACIFIC TIME

Clark Center: Free Cybersecurity Curriculum Resources

Enhance your cybersecurity curriculum for free!

Register today!

At this month's NCyTE virtual meeting, Sid Kaza, Blair Tayler, and Paige Zaleppa will give a tour and demo of Clark Center where there are 1,270+ free learning objects spanning 25 topics.

"CLARK is the largest platform that provides **free** cybersecurity curriculum. It is home to high-value, high-impact cyber curriculum created by top educators and reviewed for relevance and quality. Whether you're looking to teach something new tomorrow, align with curriculum guidelines and

standards, or refine your current course, CLARK has free resources ready for you to use!"

Who should attend:
Faculty, teachers, instructors, and curriculum planners.

Presenters:

Sid Kaza skaza@towson.edu

Sidd Kaza is the Associate Provost for Research at Towson University. His interests lie in cybersecurity, data mining, and application development. He is a principal investigator on several cybersecurity projects, including the University's Cyber4All.

Blair Taylor btaylor@towson.edu

Blair Taylor is the Director of the Center for Interdisciplinary and Innovation Cybersecurity (Cyber4All) at Towson University. She is a national expert in cybersecurity education and worked with NSA's College of Cyber as a Subject Matter Expert on long-term strategies to increase the pipeline of qualified students and build the nation's cyber workforce.

Paige Zaleppa paige.zaleppa@secured.team

Paige Zaleppa is the Director of Operations at SecurEd Inc. where she coordinates the software development and content curation processes for two cybersecurity education products.

Free Academies for Community College Faculty

Ready to increase your cybersecurity knowledge base, earn an industry certification, and add new content to your cybersecurity curriculum? Check out these academies and register soon.

[Microsoft Azure Security Technologies - July 24-27, 2023, 2023](#)

[CISSP: Certified Information Systems Security Professional - August 8-12, 2023](#)

GenCyber High School Teacher Workshop

August 10 - 11, 2023
8:30 AM - 4:30 PM
601 E Riverside Ave
The Catalyst Building
Spokane, WA

[Register now](#)!

This two-day in-person GenCyber workshop is designed for high school teachers who want to integrate cybersecurity into their existing courses. Free resources and materials will be provided. No prior cybersecurity experience is needed.

Topics Covered in the Training:

- Introduction to Cyber Security
- Virtualization & Cloud Computing
- Free Curriculum and Free Resources
- Integrating Cyber Security into Computer Science
- GenCyber Principles

The training is being hosted by Eastern Washington University in partnership with the NCyTE center at Whatcom Community College.

Travel Stipends are available -

- [Register](#) by July 28, 2023.
- Submit [Travel Funding Request Form August 10-11, 2023.docx](#) and [W9 Form.pdf](#) to Tosha Amos: tamos@whatcom.edu by July 28, 2023.

Qualified participants will have the opportunity to earn continued education clock hours.

EWU Workshop Lead: Stuart Steiner ssteiner@ewu.edu

WCC GenCyber Director: Stephen Troupe – Stroupe@whatcom.edu

For information on the GenCyber program visit: https://www.gen-cyber.com/about/

The NCYTE Center Presents

Aug 18th
9:00 AM PACIFIC TIME

CISA CSET® Tool for Risk Assessments Across Multidisciplinary Business Sectors

Presenter: Stephen Miller

Join us at the NCyTE virtual monthly meeting!

Register today!

The Cyber Security Evaluation Tool (CSET®) is a stand-alone desktop application that guides asset owners and operators through a systematic process of evaluating Operational Technology and Information Technology. The Cyber Security Evaluation Tool (CSET®) provides the following:

1. A framework for analyzing cybersecurity vulnerabilities associated with an organization's overall industrial control system (ICS) and information technology (IT) architecture.

2. A consistent and technically sound methodology to identify, analyze, and communicate to security professionals the various vulnerabilities and consequences that may be exploited by cyber means.

3. The means for the user to document a process for identifying cybersecurity vulnerabilities.

4. Suggested methods to evaluate options for improvement based on existing Standards and recommended practices.

Who should attend? Teachers, faculty, instructors, employers, and curriculum developers.

Presenter: [Stephen Miller](#), NCyTE Co-Principal Investigator, Eastern New Mexico University - Ruidoso Branch Community College

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CMMC 2.0 Workshop

(Virtual)

August 22–23, 2023, 8 am – 3 pm PST
Instructor: John Sands

[Register now!](#)
Workshops are limited to 25 participants.

The free two-day workshop covers the Cybersecurity Maturity Model Certificate (CMMC) 2.0 and new requirements from the Department of Defense (DoD) and will be taught by Dr. John Sands, one of our most experienced and popular instructors. He covers 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 participants receive an Instructor Guidebook, Student Guidebook, training resources, and a Canvas course package.

Comments from previous participants:

"Workshop was very effective, loved the Canvas shell!" - Community College Professor of Computer Networking

"I enjoyed hearing about the various tools available that can be used in a classroom or cyber program." Community College Professor

Cybersecurity faculty and small business or cybersecurity personnel are invited to register.

Dr. John Sands has over 30 years of experience in education and workforce research in data communications, manufacturing technologies, information technology, information security management, and cybersecurity.
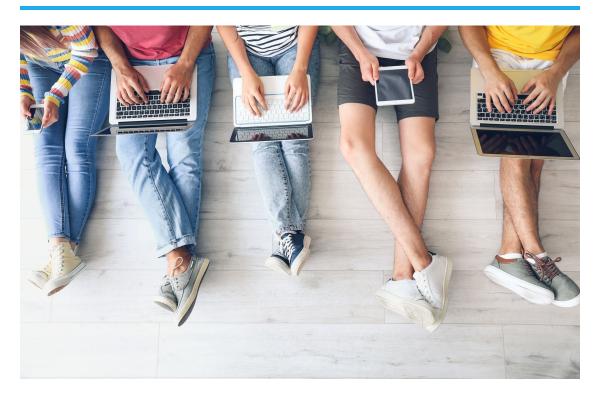

Make a difference in a community college student's life!

Many students struggle with finances while pursuing their academic goals. You can make a difference. It only takes a few minutes to recommend a deserving community college cybersecurity student for the **Microsoft Cybersecurity Scholarship Program** powered by Last Mile Education Fund.

The Microsoft Cybersecurity Scholarship Program supports community college degree and industry certificate completion through financial assistance (up to $500) and subsidizes cybersecurity certification exam costs (up to $375). It can also cover short-term basic needs, such as food, rent, health-related, transportation/car issues, and/or a laptop/device.

Visit the Last Mile Education Fund website, for scholarship details, eligibility requirements, and student application information.

Click here to complete a student referral form.

Featured NCyTE Videos on YouTube!

Max Power Lab Collection Chris Simpson covers Max Power Labs and other online resources designed to enhance your curriculum. The labs are a collection of micromodules designed to guide students through Blue Team training and are available for free on Clark.

Cybersecurity Apprenticeships. Costis Toregas moderates a discussion on the current state of cybersecurity apprenticeships in industry and colleges. Panelists are from education, the Department of Labor, and industry.

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.

Whatcom
COMMUNITY COLLEGE

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