

NCyTE insights



Summer Cybersecurity Activities

In addition to baseball, picnics, camping, traveling, reading, and rejuvenating, there are exciting Cybersecurity activities awaiting you!

NCyTE Member Meeting

- [July: The AI Horizon – How to prepare for what awaits on the other side](#)

Professional Development

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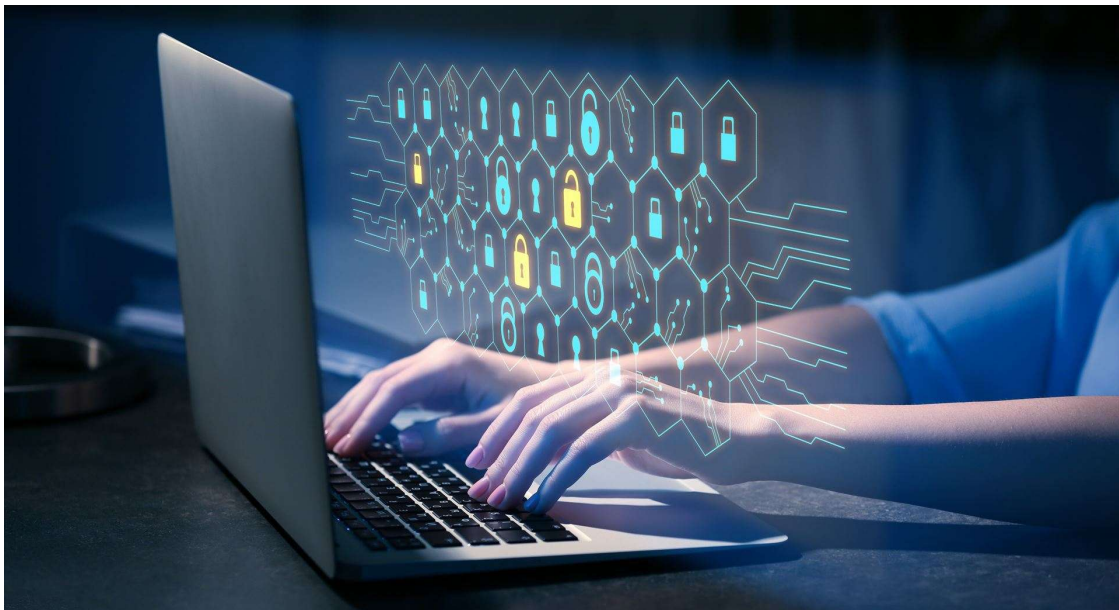
- [Certified Information Security Manager \(CISM\) Bootcamp](#)
- [Azure AI Infrastructure Workshop](#)

Student Competition

- [CyberForce Competition](#) - Registration is now open for the Fall!

See you this summer!

—The NCyTE Team



Webinars & Virtual Workshops

The AI Horizon – How to prepare for what awaits on the other side

July 18 | 9 - 10 am Pacific Time | Virtual

Join us at the NCyTE Monthly Meeting!

Vincent Nestler will introduce the AI-Horizon project, an NSF-funded initiative that addresses the critical gap between rapid AI technological evolution and cybersecurity education adaptation.

He will demonstrate how the innovative forecasting framework predicts which cybersecurity tasks will be augmented by AI, replaced by AI, create new tasks, or remain human-driven, enabling educators to adapt curriculum with unprecedented agility.

Participants will explore how this high-risk, high-reward approach compresses traditional educational adaptation cycles from years to weeks, fundamentally transforming how cybersecurity education keeps pace with technological advancement.

[Register Now!](#)

Certified Information Security Manager (CISM)

July 28-August 1, 2025 | 8 am - 2 pm Pacific Time | Virtual

This bootcamp is designed for community college educators looking to incorporate the CISM industry certification into their cybersecurity programs. The certification is one of the top employer-requested certifications for mid-career IT professionals aspiring to senior management roles.

[Register Now!](#)

Azure AI Infrastructure Workshop

August 4-7, 2025 | 8 am - 2 pm Pacific Time | Virtual

This hands-on workshop prepares community college faculty with Microsoft Azure's powerful AI tools and the Azure AI Fundamentals certification. Participants gain practical experience with technologies like computer vision, NLP, and generative AI, along with strategies to integrate these concepts in their curriculum.

[Register Now!](#)

You can find more workshops on NCyTE's [events calendar](#).

[Events Calendar](#)



HI-TEC: High Impact Technology Exchange Conference

NCyTE will be presenting and hosting a booth (#103) at the Hi-Tec Conference in Minneapolis, July 21-24.

Join the July 23 - 11:15 am HI-TEC Session

Building the Next Generation: The National Community College Cybersecurity Fellowship Program

The National Community College Cybersecurity Fellowship Program directly addresses the critical shortage of cybersecurity educators by developing a pipeline of trained faculty. This session will showcase NCYTE's successful model for recruiting and retaining cybersecurity educators, including collaborations between CAE institutions, industry partners, and military personnel. Attendees will explore best practices in mentoring, professional development, and hands-on teaching assignments that prepare fellows for instructional roles in cybersecurity

education. Participants will leave with actionable strategies for implementing similar fellowship models at their institutions to strengthen regional cybersecurity ecosystems and expand teaching capacity.

Join the July 24 - 1:45 pm HI-TEC Session

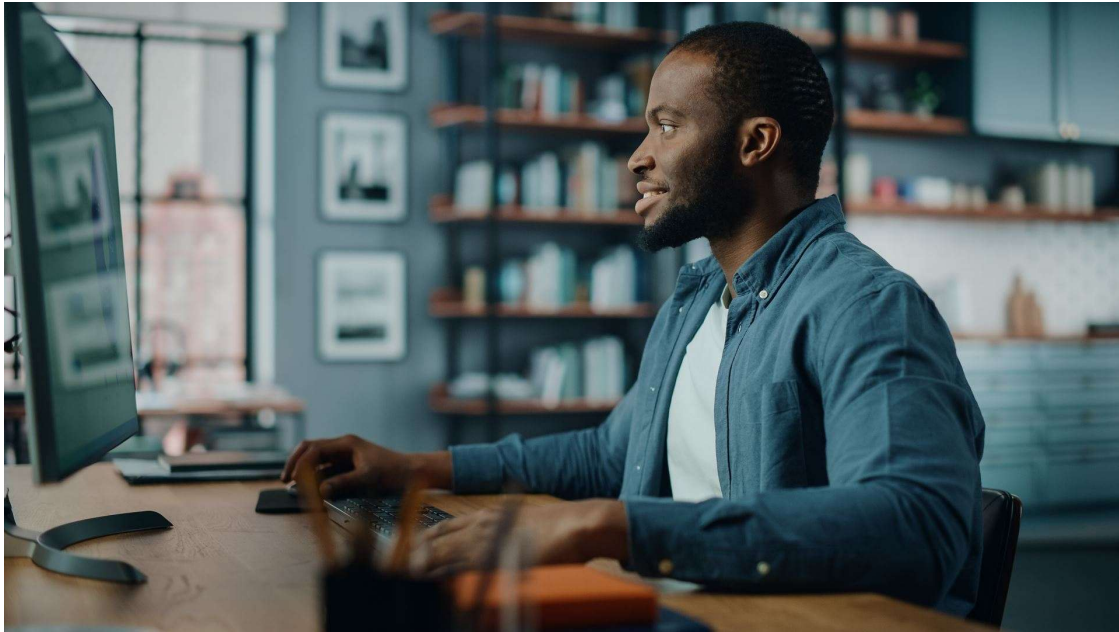
Bridging the Gap: Building Comprehensive Cybersecurity Career Pathways

Cybersecurity careers span multiple industries, yet many students lack awareness of the pathways available to them. Counselors and advisors are essential in bridging this gap. This session explores strategies for establishing clear cybersecurity career pathways from high school to community college, four-year institutions, and industry. Participants will learn how to integrate career exploration tools, professional development resources, and industry certifications into advising practices. The session will also highlight the RING cybersecurity curriculum as a tool for early exposure, faculty fellowships to expand teaching pathways, and strategies for building regional cybersecurity ecosystems that connect education with workforce needs.

Stop by our Booth!

Visit us at booth 103. We're excited to meet you, share some great swag and resources, and explore opportunities to strengthen our tech community together. Whether you're from industry, government, education, or a nonprofit, let's connect and discuss how we can support your goals.

[Hi-Tec Conference](#)



New NCyTE Online Job Board

To help job seekers and career changers, NCyTE has compiled a list of reputable websites and resources for optimizing your employment opportunity search. Your input is welcome and appreciated. Send us an email with any feedback at ncyte@whatcom.edu with "Online Job Board" in the subject line.

[Online Job Board](#)

Become an NCyTE Member!

NCyTE has now expanded its free membership opportunities to include Business, Government, Non-Profit, and Individual Membership. We continue to increase our academic institution membership (middle school, high school, and accredited institutions of higher education) which is now over 520 member spanning 49 states and one US territory. Build your professional network, access valuable resources, and benefit from an array of resources and funding. We invite professionals from across all sectors an program of study disciplines to join. There is currently no membership fee!

NCyTE's Academic Institution Membership Map (December 2024)



[Become a Member Today!](#)

Watch Past NCyTE Monthly Meetings

Every month NCyTE hosts a webinar featuring subject matter experts, national and international, to speak on cybersecurity. You can access the recordings and handouts from past webinars on the NCyTE Monthly Meeting page.

2025

- June - The Impact Of AI on the Current and Future Cybersecurity Workforce
- May - Introducing a New Course on AI Security, Privacy & Governance
- April - Super Computing Resources for Higher Education

- March - Cyber Competition Resources
- February - Cloud Computing Security & AI
- January - Virtual Cybersecurity Career Challenge

2024

- December - Sticker Heist Toolkit for Instructors
- November - Cybersecurity Career Awareness and Exploration
- October - Teach Cyber Today! Clark Center Resources
- September - User Privacy
- August - Cyber Security Evaluation Tool (CSET)
- July - Build a Cybersecurity Clinic: Enhance Community Cybersecurity and Train Cyber Leaders
- June - Bias Busters: Promoting Diversity in Cyber & Technology
- May - Integrating Zero-Trust Principles into IIoT Architectures for Enhanced Security
- April - Doubleheader: RAMPS NOFO & NICE Framework Revision
- March - AI's Impact on Cybersecurity Instruction & Work Roles
- February - AI Trainer Toolkit
- January - Virtual Cybersecurity Career Challenge

[NCyTE Monthly Meeting Recordings](#)

Subscribe to the NCyTE YouTube Channel



There are many videos to choose from and a variety of topics. Visit the NCyTE YouTube channel and subscribe to catch the latest offerings.

[NCyTE YouTube Channel](#)

News from Colleagues



The U.S Department of Energy annual [CyberForce Competition](#) will be an in-person only competition this year for competing Blue team participants on **November 14-15, 2025, at the Tinley Park Convention Center.**

For those new to the competition or even those veterans that are interested in learning about this year's changes, register for the CyberForce Competition 101 webinar, where they walk through CyberForce Competition basics, the new location, and answer any questions you may have.

The **CyberForce 101 Webinar** will take on Wednesday, July 23, 2025, at 4 pm PT /6 pm CT /7 pm ET. Register today: <https://tinyurl.com/2025CyberForce101>

Registration for the competition will open on July 28 for both student applications and volunteers.

To respect the budgets and time commitments of student teams, CyberForce staff will do rolling acceptances this year. There will be a maximum of 100 teams.

Graduating this year? There are always volunteer opportunities to assist with the competition.

[Competition Info](#)



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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