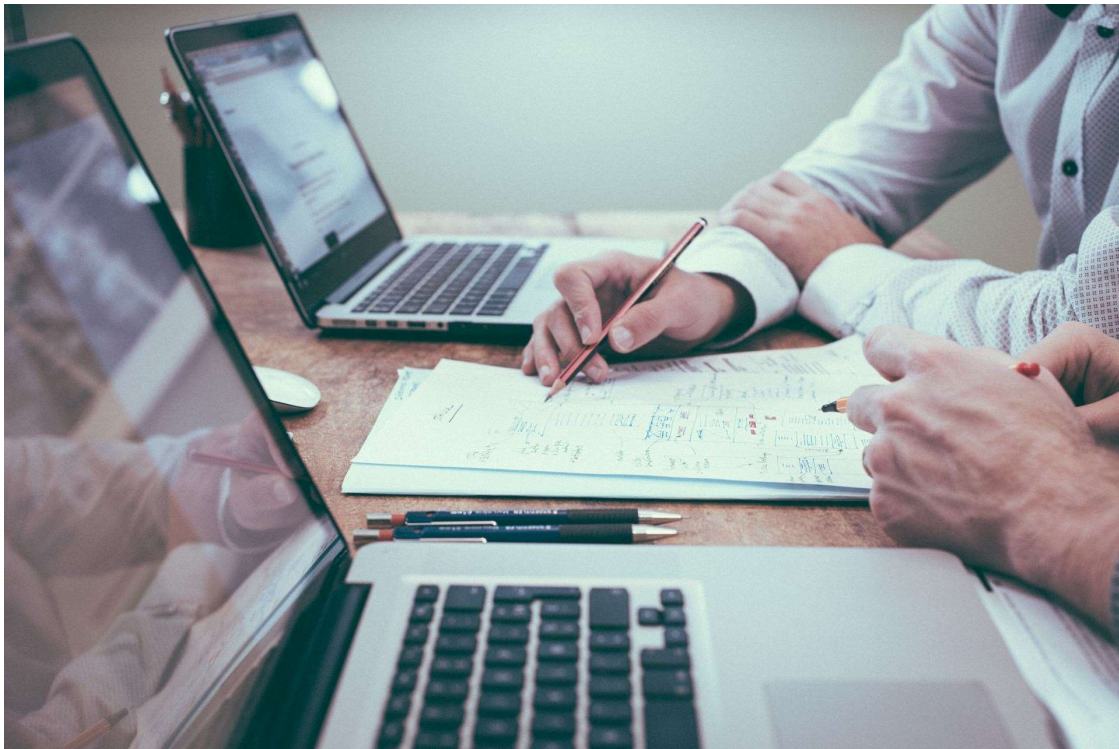


October 2024 Edition: NCyTE Insights

NCyTE insights



CAE Institution Survey

We are requesting all CAE-designated institutions provide the CIP codes for their CAE-designated programs. Your input is invaluable. If your institution has not already responded to the survey, we would really appreciate it if you could take **five minutes** to respond now.

Purpose and Scope

This project's primary objective is to identify which CIP codes cybersecurity programs nationwide are using and to create a crosswalk between CIP codes and NICE work roles. Given the extensiveness of the CIP taxonomy and the large number of potential programs, this project will occur in two phases.

It will first focus on collecting CIP code information from the Center of Academic Excellence (CAE) in Cybersecurity-designated programs nationwide obtained from NCyTE. This initial work will help focus the analysis by identifying the most common CIP codes used in cybersecurity. It will also allow the research team to leverage learning content information submitted as part of the CAE-designation application to evaluate consistency between program content and CIP code allocation. The research team will also use learning objectives from the CAE-designated programs, CIP code definitions from NCES, and the NICE work roles' knowledge, skills, and tasks to create a crosswalk between CIP codes and NICE work roles. This research project will then use the CIP codes obtained from Phase 1 to identify cybersecurity programs at non-CAE-designated institutions.

The project is expected to be completed by December 2024, and its objectives are as follows:

- Identify CIP codes being used by CAE-designated institution cybersecurity programs.
- Determine if these CIP codes are aligned with NICE Framework work roles.
- Test if the learning outcomes from the cyber programs at CAE institutions are aligned to outcomes of designed NICE Framework work roles.



Alumni Workforce Study

Graduated with a degree in cybersecurity or technology from a Center of Academic Excellence in Cyber Defense (CAE-CD)?

Support the community by participating in this national cybersecurity workforce study!

<https://www.research.net/r/NCyTE2024>

AS
Associate
Level

MS
Master's
Level

BS
Bachelor's
Level

PhD
Doctorate
Level

**NCyTE
CENTER**
National Cybersecurity Training & Education Center
NSF Award #2054724



Alumni Survey - Cybersecurity Employment Outcomes 2024

[Alumni Survey](#)

Attention Cybersecurity Alumni!

Your input is needed for [NCyTE Center](#)'s National Cybersecurity Workforce Study. We are seeking survey responses from all CAE-CD programs, including associate degree, bachelor's, master's, & doctorate level.

The study has the potential to significantly impact the continuous improvement of our

CAE-CD programs and the success of our students. By understanding the level of impact between program experiences and career outcomes, we can tailor our efforts to provide an education that not only meets but exceeds the expectations and needs of our students and the cybersecurity workforce at large.



Integrate Cybersecurity Concepts into Your Teaching Curricula Today!

October 18, 2024

9 - 10 am PST | Virtual

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Don't miss this opportunity to upgrade your cybersecurity curriculum!

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NCyTE Monthly Meetings

Recordings of NCyTE's monthly meetings are online. They are hour long discussions with subject matter experts from across the globe. Check them out!

- User Privacy
- CISA Cyber Security Evaluation Tool (CSET)
- Build a Cybersecurity Clinic
- Bias Busters: Promoting Diversity in Cyber & Technology (International Panel)
- Integrating Zero Trust Principles into Industrial Internet of Things Architectures
- AI Impact on Instruction & Work Roles

Monthly Meeting Info & Recording



NCyTE Membership

Become an institutional member! Gain access to curriculum resources, travel stipends for conferences, industry partners, workshop resources, NCyTE Center visibility, and a growing cybersecurity community.

Universities, colleges, high schools, and middle schools are welcome! There are currently over 460 member institutions.

[Join today!](#)



NCyTE YouTube Channel

Subscribe to NCyTE's YouTube channel. We have short videos to add to your curriculum and recordings of the past monthly membership meetings.

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[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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