Teaching Cybersecurity in High Schools

NCyTE's first webinar of the New Year will be on Friday, January 21st. Join us for a two-part discussion on teaching cybersecurity to high school students. The first segment will be a discussion led by Girls Who Code. The second will provide an overview of the upcoming Career & Technical Education (CTE) cybersecurity workshop described in the next section of the newsletter.

Topics will include:

- Teaching cybersecurity across disciplines
- An upcoming workshop for high school teachers who want to integrate cybersecurity into their classes
- An introduction to a girls-first educational approach
- A new self-paced course on cybersecurity from Girls Who Code, launching in the summer of 2022

This year's webinar schedule is packed with exciting new content, resources and presenters, and we are eager to get started! We hope to see you there each month.

Register Now!

Career & Technical Education (CTE) Cybersecurity Virtual Workshop

Our CTE Cybersecurity Workshop for high school teachers is rapidly approaching--don't miss your chance to apply! This free, virtual workshop is for current high school teachers with a background in computer repair, programming, or related fields who want to teach cybersecurity. The workshop runs from February 7 - April 29 and will be asynchronous to allow for a flexible schedule regardless of where you live.

The workshop will introduce cybersecurity subject material, share best pedagogy practices, provide hands-on instruction with cutting-edge educational tools, and prepare interested participants for the CompTIA Security+ exam. Additionally, for those who successfully complete the workshop, a stipend will be available to cover travel and registration expenses for the Community College Cyber Summit (3CS) from May 23 - 25, 2022.

Apply Now!

Increasing Diversity in the Cybersecurity Workforce

Cybersecurity is a growing field in need of more diverse voices. The Diversity in Cybersecurity Project Team from the School of Computing and Information at the University of Pittsburgh is conducting a survey to learn about experiences and inhibitors to working in cybersecurity. The goal of the survey is to identify actionable items that will help recruit and retain more individuals from underrepresented groups in cybersecurity.

Take a brief, multiple choice survey for a chance to win one of five $50 gift cards: https://pitt.co1.qualtrics.com/jfe/form/SV_1T85YFWRhVI7X4a

Your feedback will help to identify important variables affecting the participation of underrepresented groups in cybersecurity education and professional practice. If you have questions or comments, reach out to one of the contacts below:

- Ahmed Ibrahim (aibrahim@pitt.edu)
- Chelsea Gunn (cmg100@pitt.edu)
- Leona Mitchell (leonam@pitt.edu)
- Sherif Khattab (skhattab@pitt.edu)

Underrepresentation Curriculum Project DEI Workshops

The first workshop in the Diversity Equity and Inclusion (DEI) series, hosted by the Underrepresentation Curriculum Project, is at noon (Pacific Time) on January 19. NCyTE will be attending, and we encourage you to join us!

The Underrepresentation Curriculum (URC) is a free, flexible curriculum for STEM instructors, to teach about injustice and how to change the culture of STEM. Using tools such as data analysis, hypothesis creation, and investigation, students look critically at science through the lenses of equity and inclusion. By comparing the general population to similar data describing scientists, students can explore issues of social justice in STEM.

Register Now!

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

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NCyTE Center is funded by the National Science Foundation by Grant #1500375, Grant #1800589 and Grant #1902329.