

# Cybersecurity Webinar Series



## Expanding and Diversifying the Cybersecurity Workforce: Education, Training, and Career Opportunities

- *Explore cybersecurity work roles and careers*
- *Learn about cybersecurity education and training opportunities and resources*
- *Discover strategies to enhance diversity, equity, and inclusion in cybersecurity*

Cybersecurity threats continue to increase in frequency and complexity. Cybercrimes have led to over \$2 trillion worth in damage. Yet, there is a huge shortage of qualified cybersecurity professionals and a lack of diversity in the workforce. CyberSeek reports over 769,000 unfilled cybersecurity jobs across the U.S. and Cybersecurity Ventures predicts that there will be 3.5 million unfilled cybersecurity jobs globally by 2025. This webinar series will provide an overview of cybersecurity education and training opportunities and useful resources. Attendees will explore cybersecurity careers and future trends. The webinars will also highlight strategies to enhance diversity, equity, and inclusion in cybersecurity.

**The webinar series will be conducted virtually on:**

**Wednesday, December 7, 6 p.m. – 8 p.m.**

**Thursday, December 8, 6 p.m. – 8 p.m.**

**Monday, December 12, 6 p.m. – 8 p.m.**

### Webinar link for all three sessions:

<https://uwf.zoom.us/j/87260185347?pwd=TFc5ak5rd0FHWkdLdkJ3Z1B-jSDNrZz09>

Meeting ID: 872 6018 5347 | Passcode: 287333

### Hosted by:

Hudson County Community College (STEM)  
Prof. Faisal Aljamal/ Cybersecurity Coordinator  
[faljamal@hccc.edu](mailto:faljamal@hccc.edu)



### Dr. Eman El-Sheikh

Associate Vice President and Professor Center for Cybersecurity  
University of West Florida

Dr. Eman El-Sheikh is Associate Vice President and Professor at the University of West Florida Center for Cybersecurity. Eman has extensive expertise in cybersecurity education, research, and workforce development. She received several awards related to cybersecurity education and diversity and was recognized among the 2020 Women Leaders in Cybersecurity by Security Magazine. Dr. El-Sheikh leads several national and regional initiatives, including the National Cybersecurity Workforce Development Program and the Southeast Regional Hub for the National Centers of Academic Excellence in Cybersecurity. Eman received numerous grants to enhance cybersecurity education, workforce development and capacity building. She launched the Cybersecurity for All® Program to enhance competencies and hands-on skills for evolving cybersecurity work roles. The program was recognized among the 2020 Innovations in Cybersecurity Education. Dr. El-Sheikh teaches and conducts research related to the development and evaluation of Artificial Intelligence and Machine Learning for cybersecurity. She has published several books, including Computer and Network Security Essentials by Springer Publishing, over 80 peer-reviewed articles and given over 115 invited talks and presentations. Eman also co-founded the Florida Women in Cybersecurity Affiliate. She holds an M.S. and Ph.D. in Computer Science from Michigan State University.