

NATIONAL CYBERSECURITY TEACHING ACADEMY



NCTA is a consortium of universities offering a graduate certificate for in-service high school teachers. 160 teachers have enrolled since NCTA launched in 2022. Supported via NCAE-C grant H98230-24-1-0106.



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teachcyber.org/ncta/

Funding is available for 175 more teachers to enroll in Summer 2025.



University Arkansas Little Rock Plan of Study: Foundations of Cybersecurity, Teaching Cybersecurity, Cybersecurity Operations, Advanced Digital Forensics & Incident Response, Privacy Law, Policy & Compliance, Cybersecurity Practicum.

Contact: Sandra Leiterman, saleiterman@ualr.edu



WPI

Worcester Polytechnic Institute Plan of Study: Fundamentals in Cybersecurity, Introduction to Digital Forensics, Cybersecurity Teaching Methods, Case Studies in Computer Security, Advanced Digital Forensics and Incident Response, and Cybersecurity Capstone.

Contact: Xiaoyan (Sherry) Sun, xsun7@wpi.edu



DePaul University Plan of Study: Cybersecurity Pedagogy, Foundations of Cybersecurity, Applied Social Engineering, Online M/Disinformation Operations, Human-Center Security, Cybersecurity Practicum.

Contact: Filipo Sharevski, fsharevs@cdm.depaul.edu



University of Louisville Plan of Study: Cybersecurity Teaching Methods, Introductory to Cryptography and Information Security. Three selective courses: Introduction to Machine Learning, Software Security, Computer & Cybersecurity, Network Security, Mobile Computing, Database Security, Data Mining, Advanced Cryptography.

Contact: Leigh Ann Elles, leigh.elles@louisville.edu



The University of Arizona Plan of Study: Security Programming, Principles of Cybersecurity, Cyber Law, Ethics and Policy, Traffic Analysis, Zero Trust Defensive Techniques, Special Topics.

Contact: Paul Wagner, paulewagner@arizona.edu



Dakota State University Plan of Study: Cyber Leadership and Ethics, Artificial Intelligence, Cybersecurity, Computer Programming, Hardware and Networking, Cybersecurity Practicum.

Contact: Fenecia Homan, fenecia.homan@dsu.edu



**UNIVERSITY
OF MARYLAND
GLOBAL CAMPUS**

University of Maryland Global Campus Plan of Study: Cybersecurity Introduction, Cyber Threats and Analysis, Cybersecurity for Systems and Networks, Cyber Exploitation Methodologies, Digital Forensics and Incident Response, and Cybersecurity Pedagogy

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