National Cyber Teaching Academy at UA Little Rock

Highlights of the NCTA Program at UA Little Rock:

- Focuses on Cybersecurity Operations and Industry Experiences
- Remotely access the Cyber Arena and Cisco Networking Academy for Hands-On Labs tailored to the curriculum
- Practicum provides the opportunity to solve real-world cybersecurity challenges under the guidance of industry experts.
- Post-Certificate opportunities to earn 18 hours and teach concurrent credit courses

**Teaching Cybersecurity**
Covers key topics related to teaching cybersecurity including curriculum guidelines, curriculum models, pedagogical strategies, and instructional tools and technologies.

**Foundations in Cybersecurity**
Covers the broad topics of cybersecurity thought including adversarial thinking, risk management, legal and ethical foundations, privacy, human psychology, system thinking, ubiquitous computing, and trust and assurance.

**YEAR 1**

**Cybersecurity Operations**
Examines the processes and technology to defend cyber systems against adversarial threats. Students will develop skills to plan and implement a cybersecurity operations strategy to align with organizational risk.

**YEAR 2**

**Cybersecurity Practicum**
Provides exposure to cybersecurity operations through service projects, research, or industry experience. This course is designed for students to work with industry or the community in a cybersecurity operations environment to apply knowledge in the development, implementation, testing and documentation of security controls.

**YEAR 3**

**Cybersecurity Law and Compliance**
Covers ethics, laws and policies related to cybersecurity. This course familiarizes students with the practice of law in relation to cybercrime and covers various regulatory and standards frameworks.

**Human Behavior and Privacy**
Covers human interaction in the security of cyber systems, including adversarial threats, usable cybersecurity, and privacy.