



**Tennessee
TECH**



CAE
IN CYBERSECURITY
COMMUNITY

UCCS

Cybersecurity Programs
UNIVERSITY OF COLORADO
COLORADO SPRINGS

Cloud Security

Session 1: June 5 - June 30

Session 2: July 10 - Aug 4

This workshop will discuss the fundamentals of secure cloud computing, architecture and explore the guiding security design and development principles, security patterns, industry standards, and technologies to design, implement, deliver and manage secure cloud-based services.

The topics will include but are not limited to cloud computing fundamentals, architectures and security challenges, infrastructure and data security, malware analysis, IoT security and cloud monitoring tools.

In addition to having access to the course material, lectures slides, labs and assignments, the participants will gain extensive hands-on experience in state-of-the-art cloud providers primarily Amazon Web Service (AWS) and Tennessee Tech CyberRange platform.

This self-paced workshop with a blend of asynchronous lectures and synchronous hands-on sessions will also help gain experience and develop perspective listening to practitioners from academia and industry.

The workshop participants will receive 4 continuing education units (CEUs) and a certificate, after completing the workshop.*



Scan the QR code or follow this [link](#) to the registration page.

For more information, contact:

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* This workshop is limited to faculty and graduate students pursuing a career in teaching cybersecurity.

All participants must be affiliated with a CAE school and a US citizen or US permanent resident