

# IST 260C : CyberOps

Provides an introduction to the knowledge and skills needed for a security analyst working with a security operations center team. Students will learn core security skills needed for monitoring, detecting, investigating, analyzing, and responding to security events, thus protecting systems and organizations from cybersecurity risks, threats, and vulnerabilities. Course aligns directly to a certification from Cisco.

**Credits** 3

**Lab/Practicum/Clinical Hours** 2

**Lecture Hours** 2

**Prerequisite Courses**

IST 154C

IST 170C

**Learning Outcomes**

- Understand cybersecurity operations network principles, roles, and responsibilities as well as the related technologies, tools, regulations, and frameworks available.
- Monitor, detect, investigate, analyze and respond to security incidents.
- Apply for entry-level jobs as Associate Security Analyst and Incident Responder.
- Take the Cisco Certified CyberOps Certification exam.