



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Principles of Information Security
Course Number: CFS136

Required Materials

Textbook(s): TestOut Security Pro 8th Edition, TestOut, November 2023, ISBN 978-1-935080-44-2
Required Readings: None
Additional Materials: 1. TestOut minimum system requirements
<https://support.testout.com/hc/en-us/articles/234567528-What-are-the-system-requirements-for-the-TestOut-software->
 2. Additional material furnished by the instructor or available online.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

16-Week Calendar

Week	Chapter/Topic/Lab
Week 1	Introduction, Ch1: Security Concepts Ch 2: Threats, Vulnerabilities, & Mitigation
Week 2	Ch 3: Cryptographic Solutions
Week 3	Ch 4: Identity & Access Management
Week 4	Ch 4: Identity & Access Management continued
Week 5	Ch 5: Network Architecture
Week 6	Ch 5: Network Architecture continued
Week 7	Ch 6: Resiliency and Site Security
Week 8	Ch 7: Vulnerability Management
Week 9	Ch 8: Network & Endpoint Security
Week 10	Ch 8: Network & Endpoint Security continued
Week 11	Ch 9: Incident Response
Week 12	Ch 10: Protocol, App, and Cloud Security
Week 13	Ch 11: Security Governance Concepts Ch 12: Risk Management Processes
Week 14	Incident Response Planning
Week 15	Ch 13: Data Protection & Compliance Security+ Domain Reviews 701-1-5
Week 16	Finals Week

8-Week Calendar

Week	Chapter/Topic/Lab
Week 1	Introduction, Ch1: Security Concepts Ch 2: Threats, Vulnerabilities, & Mitigation REV1, REV2, Discussion: Introduction, all TestOut labs in Assignments Folder
Week 2	Ch 3: Cryptographic Solutions, Ch 11: Security Governance Concepts REV3, REV11, all TestOut labs in Assignments Folder
Week 3	Ch 4: Identity & Access Management REV4, all TestOut labs in Assignments Folder
Week 4	Ch 5: Network Architecture REV5, all TestOut labs in Assignments Folder
Week 5	Ch 6: Resiliency and Site Security, Ch 12: Risk Management REV6, REV12, all TestOut labs in Assignments Folder
Week 6	Ch 7: Vulnerability Management, Ch 8: Network & Endpoint Security (Part 1), Ch 13: Data Protection & Compliance REV7, REV13, all TestOut labs in Assignments Folder
Week 7	Ch 8: Network & Endpoint Security (Part 2), Ch 9: Incident Response REV8, REV9, all TestOut labs in Assignments Folder
Week 8	Ch 10: Protocol, App, and Cloud Security FINALS REV10, Final Exam, Cyber Response Final Paper