CYBR 340
Operating Systems and Mobile Device Security

3 Credit Hours

Course Description

This course explores secure base operating systems on server, desktop, virtual, and mobile platforms. Topics include the practical application of security tools, utilities, and configurations for protecting computer operating systems at both the user and corporate level. Course subject is also related to protecting stand-alone and virtualized servers, cloud computing security, and the protection of mobile platforms such as smart phones, tablets and handheld computers.

Course Prerequisites
None

Course Objectives

Upon completion of this course, the student should be able to:

1. Identify the similarities and differences between common computer operating systems security controls.
2. Describe core security concepts associated with all types of computer operating systems and mobile device platforms.
3. Evaluate general threats, vulnerabilities, and exploits associated with operating systems and mobile device platforms.
4. Explain different methods for securing common operating systems and mobile device platforms.

Grading Scale

93 – 100% = A	87 – 89% = B+	77 – 79% = C+	67 – 69% = D+
90 – 92% = A-	83 – 86% = B	73 – 76% = C	63 – 66% = D
	80 – 82% = B-	70 – 72% = C-	60 – 62% = D-
			0 – 59% = F