

Syllabus

CSIS 2330 - Penetration Testing

Course Description

Students learn how to secure computer networks from attacks by learning the tools and tactics employed by hackers to penetrate networks and compromise hosts computers. Topics include Using the Linux distribution Backtrack for pen-testing, network security and ethical hacking.

Course Objectives

By the end of this course, you will be able to:

1. Monitor, capture and analyze network traffic and identify the possible security breaches.
2. Identify the various computer security issues and select a suitable framework to evaluate security policies, procedures, and controls.
3. Compare and contrast various network security assessment tools.
4. Assess various network security techniques and design appropriate protection levels for the network.
5. Be prepared to take the CompTIA PenTest+ Certification. [Links to an external site.](#)

Course Resources

This course uses uCertify; eBook, labs, flash cards, quizzes and exams. Test prep is included depending on the course. The current CSIS department ONLINE discount rate is \$99 for a year access to the portal. SLCC bookstore charges additional fees.

** The link for the Discount Rate is located on the HOMEpage here in Canvas under PURCHASE RESOURCES button.*

ASSIGNMENTS

Assignment	Percentage
Ebook	20%
Flash Cards	10%
Labs	30%
Quizes	20%
Final Exam	20%

The following grading standards will be used in this class:

Grade	Range
A	94% to 100%
A-	90% to < 94%
B+	87% to < 90%
B	84% to < 87%
B-	80% to < 84%
C+	77% to < 80%
C	74% to < 77%
C-	70% to < 74%
D+	67% to < 70%
D	64% to < 67%
D-	61% to < 64%
F	0% to < 61%

The Institutional Syllabus can be found in the left-hand global navigation menu, or can be found by clicking this link: [Institutional Syllabus](#).