خطة المقرر
Course Syllabus

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Course: Network Defence	
Course Number and Code: **CYS 1213**	
Prerequisite: **NET 1113**	Course Teaching Language: English
Course Level: 2	Credit Hours: 2+1

Course Description

This course highlights the models and protocols essential to secure wired and wireless networks. Students also learn to capture and analyze network traffic, identify network security threats, and apply and evaluate network security controls.

Objectives/Learning Outcomes (LOs):

The student will be able to:
1. Identify security issues in Internet protocols: TCP, DNS, and routing.
2. Illustrate network defense tools: Firewalls, VPNs, Intrusion Detection, and filters.
3. Describe unwanted traffic: denial of service attacks.
4. Utilize tools for improving system security.
5. Apply basic web security model.
6. Manage Sessions and user authentication.

Book References

Book name	Authors	Publisher	Year
CompTIA Security+ Study Guide	Emmett Dulaney, Chuck Easttom	SYBEX	2017 or Later