

CSCI 212R: Computer Network Security

This course is designed to give students the skills needed to identify and resolve computer and network security issues. The course will provide students an introduction to firewalls and other network security components that can be used to work together to create an in-depth defensive perimeter around a Local Area Network (LAN). Students will learn how to: identify threats; plan and design firewalls; develop a security policy; configure routers, workstations, servers, switches and firewall equipment for various packet filtering and security measures; create user authentication policies and methods; design and set up Virtual Private Networks (VPN); maintain and troubleshoot these systems.

Credits: 3

Lab Hours: 2

Lecture Hours: 2

Prerequisites:

CSCI 120R

(or corequisite)

Program: [Computer Technology](#)