

# CSCI110R : Introduction to Networks

This course introduces the basic concepts and principles that underlie computer networking using the Open Systems Interconnection (OSI) model and the TCP/IP protocol suite. Students will learn entry level home network installation technician skills, IP addressing and fundamentals of Ethernet media. It presents an overview of networking terminology, examines different networking topologies and architectures, discusses the physical components of computer networks, reviews the principles of network connectivity, and building a simple LAN. Students will be able to perform basic configurations for routers and switches and implementing IP addressing schemes. It also examines the implementation through design and installation of simple Ethernet networks.

**Credits** 3

**Lab Hours** 2

**Lecture Hours** 2

**Prerequisite Courses**

CSCI101R

**Prerequisites**

(or corequisite)