COMPUTER NETWORKING MINOR

The Computer Networking minor (MCNE) provides students with an opportunity to learn how the Internet works. Students will gain a solid grounding in the protocols that allow networking devices and systems to communicate. This includes the configuration and management of core networking hardware such as routers and switches as well as end systems such as servers, laptops, and mobile devices.

The minor itself requires 16 total credits; however, to enroll in the minor a student must complete both of the prerequisite courses. All courses are 4 credits.

Course	Title	Credits
Prerequisite Courses		**8**
COMP1000	COMPUTER SCIENCE I	4
COMP1100	INTRODUCTION TO NETWORKS	4
or COMP2100	NETWORK PROGRAMMING	
Networking Courses		**8**
COMP1150	ROUTING AND SWITCHING	4
COMP2150	NETWORK ADMINISTRATION	4
Networking Electives		**8**
Select two (2) courses from the following list:		
COMP2160	WIRELESS NETWORKS	4
COMP2500	SECURITY PRINCIPLES	4
COMP2650	DATABASES	4
or COMP2670	DATABASE MANAGEMENT SYSTEMS	
COMP3100	SYSTEM ADMINISTRATION	4
COMP3500	NETWORK SECURITY	4
COMP3660	MOBILE APP DEVELOPMENT	4
COMP4150	ADVANCED SYSTEM ADMINISTRATION	4
ELEC3150	OBJECT ORIENTED PROGRAMMING FOR ENGINEERS	4
COMP4150	ADVANCED SYSTEM ADMINISTRATION	4
COMP4650	WEB DEVELOPMENT	4
Total Credits		**24**