Required Courses

**CSC 150- Computer Science I – 3 credits**
An introduction to computer programming. Focus on problem solving, algorithm development, design, and programming concepts. Topics include sequence, selection, repletion, functions, and arrays.

**CSC 328- Operating Environments – 3 credits**
This course examines the role of the operating system in computer operations. Current operating environments include Windows, UNIX/Linux, and similar operating environments are studied from a theoretical and hands-on perspective.

**CSC 383- Networking I – 3 credits**
LAN topologies, media choices, protocols and transmission techniques are addressed. Overview of LAN planning and installation considerations. LAN hardware and software offerings and problem determination procedures are presented.

**CSC 385- Networking II – 3 credits**
This class focuses on the technical networking essentials of the development, maintenance and use of e-commerce sites. Topics include coverage of network concepts and theory, intranets, extranets, server issues, enterprise computing, virtual hosting, and security considerations. Prerequisite: CSC 383