COMPUTER NETWORKING

Overview

Degrees Offered: Program Certificate
Program Begins: Fall, Spring
Delivery Method: Online, On Campus
Phone: 701-224-2429
Email: Email: bsc.cet@bismarckstate.edu

Description

Computer Networking courses will provide the learner with the fundamentals of computer networking, including the practical and conceptual skills needed to understand basic networking, build simple local area networks, perform basic device configurations, implement IP address schemes, and configure and troubleshoot routers and switches.

Learners will gain the necessary skills and knowledge to install, configure, customize, optimize, and troubleshoot the Microsoft Windows operating system in a stand-alone and network environment, including installing and managing Microsoft Server and its roles.

The Certificate in Computer Networking is a great way to kick-start your career. You may choose from online and on-campus course-delivery options. This flexibility allows you to complete coursework at your convenience and on your schedule.

Preparation

Basic computer knowledge will be beneficial.

Requirements

Students are required to have their own modern Windows-based computers while completing classes in the program. On-campus students will need a laptop for class use, while online students may use a laptop or desktop system. Minimum computer specifications can be found at BSC's Computer Requirements webpage.

Career Opportunities

Computer Technician, Networking Technician, Help Desk Support, Computer Support

Special Costs

Specific computer listed above

Degree Plans

• Computer Networking Program Certificate

Program Learning Outcomes

Upon graduation, Computer Networking students will be able to:

• Understand and implement IP addressing within small, medium and large networks.
• Be able to configure and troubleshoot networking equipment to support communication requirements.
• Be able to implement, manage and maintain operating systems for computing and network devices.