South Central College
Program Design

DIP 3278 Networking Services

Program Information

Instructional Level	Technical Diploma
Career Cluster	Arts, Communications, & Information Systems

Description

This program prepares the learner with the core skills necessary for a technical support position with a focus on networking services. Training is emphasized in the areas of installing, maintaining, and troubleshooting personal computers, computer networks, and peripheral devices utilizing current industry hardware and software products. Learners also receive an orientation on IBM mid-range and mainframe computer systems that are frequently integrated into corporate networks. Hands-on labs are included in the curriculum to give learners exposure to current and upcoming technology.

Program Admission Dates (Fall and/or Spring)

Fall and Spring

Program Location (North Mankato and/or Faribault)

North Mankato

Program Student Learning Outcomes

1   Design and administer computer networks.

2   Maintain and repair personal computer systems.

3   Support common business application software.

4   Support current computer operating systems.

Program Configurations

Fall Starts

Credits

Technical Course	45
Liberal Arts & Sciences	7
Elective	8
Total Credits	**60**

Semester 1

		4	Technical Course

Course #	Course Title	Credits	Function
COMP 1200	**Hardware and Software Essentials**	4	Technical Course
COMM Choice	**COMM110 or COMM120 or COMM140**	3	Liberal Arts & Sciences
COMP 1140	**Web For Business**	3	Technical Course
COMP1120	**Foundations of Computing**	4	Technical Course

Semester 2

Course #	Course Title	Credits	Function
COMP 1360	**Introduction to Data Communications and Networking**	4	Technical Course
ENGL Choice	**ENGL100 or ENGL240**	4	Liberal Arts & Sciences
COMP1125	**Spreadsheet/Database Integration**	4	Technical Course
COMP1130	**Programming Fundamentals**	4	Technical Course

Semester 3

Course #	Course Title	Credits	Function
COMP 2460	**Linux Administration**	4	Technical Course
COMP 2462	**Microsoft Administration**	4	Technical Course

COMP 1360