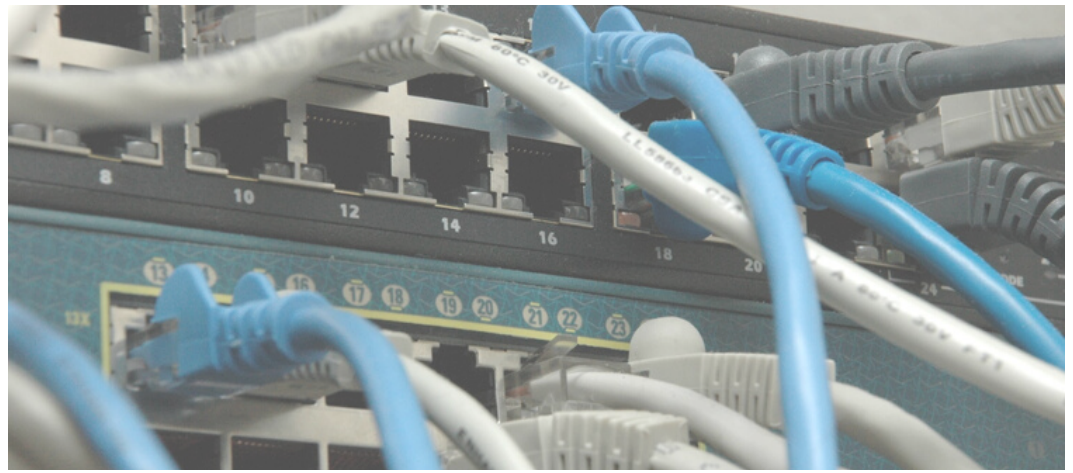# MILES
COMMUNITY COLLEGE

A.S.
Associate's Degree
(Two-year program)

COMPUTER TECHNOLOGY MANAGEMENT EMPHASIS

Why Computer Technology Management?

This two-year (61(64) credit) emphasis prepares students to further their education in a Computer Technology Management major. Students will learn basic computer technology skills that include installing, configuring and troubleshooting hardware and software, common programming techniques, networking implementation and design, and basic digital design skills. The degree is designed to transfer into the Bachelor of Science—Computer Technology Management program at Dickinson State University. This field of employment is broad and may include jobs such as an Information Technology Business Analyst, Information Technology Specialist, Computer/Network Support Technician, or Technology Project Manager.

Upon completion of this program, graduates will be able to :

- Create business technology strategies using planning processes and knowledge of trends in computer hardware and software.
- Describe computer hardware and software functions and implement networking systems.
- Apply problem-solving techniques used to diagnose, recommend, and communicate solutions to technology problems.
- Develop the team and interaction skills necessary to work with others in the computer technology area of business.
- Apply their computer technology management academic knowledge in the context of professional development.

START HERE — Go Anywhere

Degree Requirements

Program course requirements are presented in sequence. Part-time students and others who cannot follow this sequence should check Course Descriptions to determine pre-requisites, and should consult their advisor regarding the order in which to take courses. Students should consult the catalog of the institution to which they expect to transfer and should select appropriate core requirement and elective courses in consultation with their advisor.

First Year

Fall Semester: 17 Credits
WRIT 101 College Writing I 3
M 121 College Algebra 4
CAPP 131 Basic MS Office 3
COMX 111 Intro to Public Speaking 3
NTS 104 CCNA 1: Intro to Networks 4

Spring Semester: 15(17) Credits
WRIT 201 College Writing II 3
GDSN 145 Introduction to Web Design 3
Science Core Requirement 3(4)
STAT 216 Introduction to Statistics 3 -OR-
Mathematics Elective 3
ARTS 106 Visual Language 2D Foundations 3

Second Year

Fall Semester: 15(16) Credits
CSCI Joy and Beauty of Computing 3
Science Core Requirement 3(4)
History & Social Sciences Core Requirement 3
ITS 280 Computer Repair Maintenance 4
MART 213 Photoshop & Illustrator 3 -OR-
CAPP 156 MS Excel

Spring Semester: 14 Credits
CSCI 127 Joy and Beauty of Data 4
MART 214 Digital Publishing & Design 3
ITS 280 Computer Repair & Maintenance 4
History & Social Science Core Requirement 3

TOTAL CREDITS
61(64)

NOTE: 3 credits of either Humanities & Fine Arts or History & Social Science must meet the Cultural Diversity requirement.
One science lab must be a standalone lab.