

# Minnesota State University Moorhead

## CSIS 222: Computer Maintenance

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: 1

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course covers the operation, diagnosis, troubleshooting and basic repair of microcomputer components. Topics include hardware compatibility, system architecture, memory, input devices, video displays, disk drives and printers.

**B. COURSE EFFECTIVE DATES:** 02/01/2015 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Computer function
2. Computer components
3. Computer hardware and software
4. Computer troubleshooting
5. Computer networks and printers
6. Portable Computers

### D. LEARNING OUTCOMES (General)

1. Analyze the operation of a microcomputer.
2. Analyze the operation of system software.
3. Demonstrate hardware troubleshooting skills.
4. Demonstrate operating system troubleshooting skills.
5. Examine the various types of computer hardware.
6. Examine the various types of networks.
7. Examine the various types of portable microcomputers.
8. Examine the various types of printers.
9. Manage a working operating system.
10. Plan a working operating system installation.
11. Plan the building of a working computer.
12. Recognize microcomputer system architecture.

### E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

**G. SPECIAL INFORMATION**

None noted