

# Minnesota State College Southeast

## **BBDT 1200: Digital Transmission Fundamentals**

### **A. COURSE DESCRIPTION**

Credits: 4

Lecture Hours/Week: 3

Lab Hours/Week: 2

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course will explore the conversion and compression of various signal types. The student will learn how TCP/IP packets in an Ethernet world are replacing Time Division Multiplexing techniques. Wireless technologies, which are making anytime/anywhere computing and communicating a reality, will also be covered. Brief exposure to installing and troubleshooting digital subscriber lines (DSL, X) will also be explored. (Prerequisite: ELEC1500 Networking I) (4 credits: 3 lecture/1 lab)

**B. COURSE EFFECTIVE DATES:** 02/07/2013 - Present

### **C. OUTLINE OF MAJOR CONTENT AREAS**

None

### **D. LEARNING OUTCOMES (General)**

None

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

None

### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

### **G. SPECIAL INFORMATION**

None noted