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