Minnesota State College Southeast

ELEC 2264: Design Project

A. COURSE DESCRIPTION

   Credits: 1
   Lecture Hours/Week: *.*
   Lab Hours/Week: 2
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   This course covers the building, testing and documenting of a project. The student will apply knowledge
   and skills gained in the program to complete a project of their choice. (Prerequisite: None) (1 Credit: 0
   lecture/1 lab)

B. COURSE EFFECTIVE DATES: 05/21/1998 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. Develop parts list
   2. Breadboard design
   3. Write report

D. LEARNING OUTCOMES (General)

   1. Select appropriate projec
   2. Develop parts list
   3. Draw block diagram
   4. Develop block diagram
   5. Draw diagram
   6. Develop wiring diagram
   7. Breadboard design
   8. Interpret data sheets
   9. Build project
   10. Verify specifications
   11. Select components
   12. Test operation
   13. Assemble project
   14. Write report

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

   None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus
G. SPECIAL INFORMATION

None noted