

North Hennepin Community College

ENGR 2511: Circuit Analysis I Laboratory

A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites:

This course requires the following prerequisite

ENGR 2501 - Circuit Analysis I

Corequisites: None

MnTC Goals: None

This course is a laboratory which complements the lecture course Engr 2501. The topics to be covered include: resistance, voltage, current, Kirchoff's laws, voltage divider, bridge circuits, power transfer, operational amplifiers, natural and step responses, and integrating amplifiers. (2 hours lab) Prerequisite: Engr 2501 or concurrent enrollment

B. COURSE EFFECTIVE DATES: 08/27/1997 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. Academic Content: This course complements the lecture course Engr 2501

D. LEARNING OUTCOMES (General)

1. Course Outcomes: The student will gain experience with the equipment and the theory learned in Engr 2501 will be reinforced.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted