

Lecture 1 -- Handout -- Intro and Linear Network Review w/ Thevenin

Intro and Overview of Syllabus

What are the learning goals of this class?

What are the four types of circuit problems/analyses you will learn about?

What are the purposes of a lab notebook in the context of this class? Who is the intended audience for your lab notebook? What are

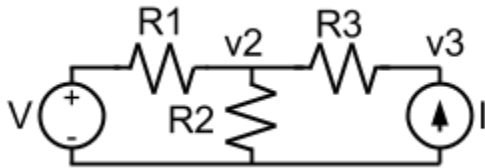
Write brief definitions of the following terms: Active Learning, Interleaved Practice, Low Stakes Assessment, Transparent Teaching

Does Prof. Spencer know who my lab partner is?

What is the lab code?

Review of Linear Network Theory.

Solve this circuit using superposition. Be comfortable that superposition is not magic. Feel free to solve it two other ways too.



What is a dependent source and what are the symbols we use for it?

What are the three parameters that can be used to describe loading of a linear network port?
How are they related? (Consider a graphical representation)

Find the Thevenin resistance at a port between node 3 and ground in the above circuit in three ways. Under what condition must we use a test source.