

EEO 271 Syllabus Summer 2017

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Text: "Electric Circuit Analysis", 3rd edition, by Johnson, Johnson, Hilburn and Scott. (Publisher: Wiley).

Problem Book (optional): A (worked out) problem book on Electric Circuits is available in the Schaum's outline series and can be purchased on Amazon and other online book sellers.

Syllabus: Chapters 1-5 DC Circuits, Chapters 8-10 AC Circuits and Chapters 12-13 Laplace Transforms.

Grading:

Homework: 25%, Midterm: 25%, Final: 25%, Portfolio: 25%. There may be some extra credit on the portfolio for original and well done problems.

Portfolio

Students will hand in five problems they create themselves at the end of the course along with solutions. No more than 2 problems in the portfolio can be from chapters 1-5.

Exams and Old Exams

Several semester's worth of old exams and solutions will be on Blackboard under Course Documents. For the midterm and final you will have to find a proctor. Community colleges, libraries, testing centers such as Sylvan Learning are allowed. There may be a fee. Proctors who are personal acquaintances (bosses, old teachers and professors) are no longer allowed. Lists of potential proctoring locations will be made available

Videos

As an aid for the course, lecture videos and associated pdf files are posted on Blackboard under Documents (not Course Documents). The video is in m4v format. Free viewers are available on the Internet. Be careful though, some

sites ask if you want other software which you may not want. If you have Real Player or Quick Time on your computer it may convert the m4v files into other (probably viewable) formats such as mpeg.