

EE 2120: Circuits I

Where/When/Web

Room 1245 Patrick F. Taylor Hall
Monday Wednesday Friday 8:30–9:20 **Spring 2022**

Who

David M. Koppelman
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Tentative Office Hours: Monday–Friday: 14:00–15:00.

Topics

Basic concepts and conventions.
Conservation laws and simple resistive circuits.
Node, loop, and other analysis techniques.
Op-amps, capacitors, inductors.
Analysis of circuits containing capacitors and inductors.
Transients.
Laplace transform methods.

Text

“Circuits,” Fawwaz T. Ulaby, Michel M. Maharbiz, & Cynthia M. Furse, 3e edition, National Technology & Science Press. Available via <https://zyBooks.com>, use code LSUEE2120KoppelmanSpring2022.

Grading

50% Midterm Exams • 30% Final Exam • 20% Homework
Missed-midterm-exam policy: at instructor’s discretion either a makeup exam, use other exam grade for missed exam grade, or use zero for missed exam grade. *Daily attendance:* optional, however students are responsible for all material, instructions, and notices presented in class.

A.D.A.

Louisiana State University is committed to providing reasonable accommodations for all persons with disabilities. This syllabus is available in alternate formats upon request. Any student with a documented disability needing academic adjustments is requested to speak with Disability Services and the instructor, as early in the semester as possible. All discussions will remain confidential. Please contact Disability Services in 115 Johnston Hall, 225-578-5919 or at <http://www.lsu.edu/disability>.