

BREE 312. ELECTRIC CIRCUITS AND MACHINES.

Credits: 3

Offered by: Bioresource Engineering (Faculty of Agric Environ Sci)

Terms offered: Fall 2025

[View offerings for Fall 2025 in Visual Schedule Builder.](#)

Description

General circuit laws and DC circuits; electromagnetic circuits; inductance and capacitance, natural and forced response of circuits; analysis of single phase and three phase networks; transformers, AC and DC motors/generators.

- Restriction: Not open to students who have taken ABEN 312.
- Three lectures and one 2-hour lab or problems per week.
- Prerequisite: AEMA 305.

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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