

# ECSE 335. MICROELECTRONICS.

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Credits: 4

Offered by: Electrical & Computer Engr (Faculty of Engineering)

Terms offered: Fall 2025

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## Description

Single-stage integrated-circuit amplifiers; differential and multistage amplifiers, integrated-circuit biasing techniques; non-ideal characteristics, frequency response; feedback amplifiers, output stages; digital CMOS logic circuits. Lab work on designing, building, and debugging electronic hardware using discrete transistors and circuit building blocks

- Prerequisite(s) ECSE 331
- Restriction(s): Not open to students who have taken ECSE 334
- (3-4-5)

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