

ECSE 330. INTRODUCTION TO ELECTRONICS.

Credits: 3

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

This course is not offered this catalogue year.

Description

Introduction to electronic circuits using operational amplifiers, PN junction diodes, bipolar junction transistors (BJTs), and MOS field-effect transistors (MOSFETs), including: terminal characteristics, large- and small-signal models; configuration and frequency response of single-stage amplifiers with discrete biasing. Introduction to SPICE. Simulation experiments.

- (3-2-4)
- Prerequisite: ECSE 210
- Tutorials assigned by instructor.

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