

# ECSE 565. INTRODUCTION TO POWER ELECTRONICS.

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Credits: 3

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

This course is not offered this catalogue year.

## Description

Semiconductor power switches - thyristors, GTO's, bipolar transistors, MOSFET's. Switch mode power amplifiers. Buck and boost principles. Modulation methods -PWM, delta, hysteresis current control. Rectifiers, inverters, choppers.

- (3-0-6)
- Prerequisite: (ECSE 334 or ECSE 335) and (ECSE 361 or ECSE 362)

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