

Course Number

ECE-344-01

Course Description

Introduction to electric drives; understanding mechanical system requirements; DC motors and variable speed drives; current, speed, and position controllers; induction machine variable speed drives; space vectors; permanent magnet AC and brushless DC motors; efficiency considerations and applications to alternative energy systems.

Academic Term

22/SP

Instructor

Dosiek, Luke

Location & Meeting Time

Integrated Science & Engineering Complex-150 M/W/F 09:15AM-10:20AM LEC

Petition

Y

Credits

1.00

Capacity

24

Total Students

19

Academic Department

Electrical & Computer Engineer

Field Of Study

Electrical & Computer Engineer (ECE)