

Course Number

ECE-240-01

Course Description

Transient analysis of RLC circuits; modeling of circuits using differential equations; system models and properties; Laplace transforms applied to circuit and system design and analysis; system functions; complex frequency; poles and zeros; stability; frequency response; filter design. Includes a weekly lab. Not open to Mechanical Engineering majors

Academic Term

21/WI

Instructor

Pappu, Chandra

Location & Meeting Time

Integrated Science & Engineering Complex-124 M/W/F 09:20AM-10:25AM LEC

Hybrid-A LEC

Petition

Y

Credits

1.00

Capacity

24

Total Students

21

Additional Information

<http://ece.union.edu>

Common Curriculum

WAC Writing Across Curriculum

Academic Department

Electrical & Computer Engineer

Field Of Study

Electrical & Computer Engineer (ECE)