

Course Number

ECE-225-01

Course Description

Basic electrical circuit concepts and devices such as Ohm's law, Kirchhoff's laws, Thevenin and Norton equivalents, operational amplifiers, analysis methods, capacitors, inductors, ideal transformers, phasors, AC steady state analysis, complex power, frequency response and filters. Includes a weekly lab.

Academic Term

20/WI

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

20

Additional Information

<http://ece.union.edu>

Academic Department

Electrical & Computer Engineer

Field Of Study

Electrical & Computer Engineer (ECE)