

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

22/WI

Instructor

Yang, Zheng

Location & Meeting Time

Integrated Science & Engineering Complex-124 M/W/F 11:45AM-12:50PM LEC

Petition

Y

Credits

1.00

Capacity

24

Total Students

18

Academic Department

Electrical & Computer Engineer

Field Of Study

Electrical & Computer Engineer (ECE)