

Course Title: Analog Electronics Laboratory Work

Course Code: EEEG 218

Credit Hours: 1

Course Description:

The course is a practical work to reinforce the concepts learned in Electronics Engineering.

Course Contents:

A series of experiments to reinforce the subject matter taught in 'EEEG211: Electronics Engineering I'. Ten to twelve laboratory experiments needs to be performed. The following laboratory experiments can be performed:

1. Diode Characteristics
2. Analog Wave Shaping
3. DC Power Supply Design
4. Controlled Sources
5. Frequency Response of Amplifier
6. Bipolar Junction Transistor Characteristics
7. Common-Emitter Amplifier
8. Field Effect Transistor Characteristics
9. Current Mirror
10. Differential Amplifier
11. Operational Amplifier

Evaluation:

In-Semester Evaluation: 80%

End-Semester Evaluation: 20%