



Lecture (00) course outline

By:

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Dr. Ahmed ElShafee, ACU : Fall 2016, Electronic Circuits III

General information

Course name, Code	Electric Circuits UU
Pre-requisite	-
Credit hours	1
Number of lectures	10
Laboratories	6
Tutorial	10
Date, time, place	Tuesday, 11:00 PM ~ 13:00 PM Class 3410
Text book	Thomas Floyd, "Electronic Devices CC", Prentice Hall.

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Presentations and materials www.aelshafee.net

Course description

Course covers the basics of electronic circuits modeling and analysis, Which is a basic knowledge to understand and to design electronic devices.

Course objective

Provides the basic skills to understand and to design electronic devices.

Learning Outcomes

After completing this course the students will be :

1. **Transistor Bias Circuits.**
2. BJT amplifier classes
3. BJT power amplifier
4. BJT transistors, basic circuits
5. FET amplifier and switching circuits

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TOC

- **Transistor Bias Circuits**
- **BJT Amplifiers**
- **Power Amplifiers**
- **Field-Effect Transistors (FETs)**
- **FET Amplifiers and Switching Circuits**

Grading Scheme

item	Grade
final	40
midterm	20
Attendance and participation	10
Laboratories	10
Lab + oral exam	10
deliverables	10

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Thanks,..
See you next week (ISA),...

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