



Lecture (00) About Electronic Circuits Course

By:

Dr. Ahmed ElShafee

Dr. Ahmed ElShafee, ACU : Fall 2017, Electronic Circuits

General information

Course name, Code	Electronic Circuits I
Pre-requisite	-
Credit hours	1
Number of lectures	10
Laboratories	6
Tutorial	10
Date, time, place	Wed, 09:00 PM ~ 11:00 AM Class ---
Text book	Thomas Floyd, "Electronic Devices", Prentice Hall.

Email

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Presentations and materials

<http://aelshafee.net/LectureNotes.php>

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. Semi-conductors materials.
2. Diodes and its applications
3. Special propose diodes applications
4. BJT transistors, basic circuits
5. FET transistor, basic circuits

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Course plane

- **Introduction to Electronics**

Diodes and Applications**Special-Purpose Diodes****Bipolar Junction Transistors****Field-Effect Transistors (FETs)**

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Grading Scheme

item	Grade
final	40
midterm + quizzes	30
Attendance and participation	10
Laboratories	10
deliverables	10

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

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