



# Lecture (00) About Electronic Circuits Course

By:

**Dr. Ahmed ElShafee**

Dr. Ahmed ElShafee, ACU : Fall 2018, 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>

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### ***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

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

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