



# Lecture (00) course outline

By:

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Dr. Ahmed ElShafee, ACU : Fall 2018, Electronic Circuits II

## General information

Course name, Code	Electric Circuits II
Pre-requisite	-
Credit hours	2
Number of lectures	10
Laboratories	6
Tutorial	10
Date, time, place	Today, Now, here
Text book	Thomas Floyd, "Electronic Devices CC", Prentice Hall.

Email	<a href="mailto:Ahmed.elshafee@acu.edu.eg">Ahmed.elshafee@acu.edu.eg</a>
Presentations and materials	<a href="http://www.aelshafee.net">www.aelshafee.net</a>

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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 :

Able to design and implement different type of biasing circuits for BJT

Understand basics of FET

Design and implement different classes of power amplifiers

Understanding transistors frequency response

Basics of thyristor.

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# TOC

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- 1. BJT Transistor Bias Circuits.**
  2. Field Effect Transistor
  3. BJT amplifier classes
  4. BJT power amplifier
  5. FET amplifier and switching circuits

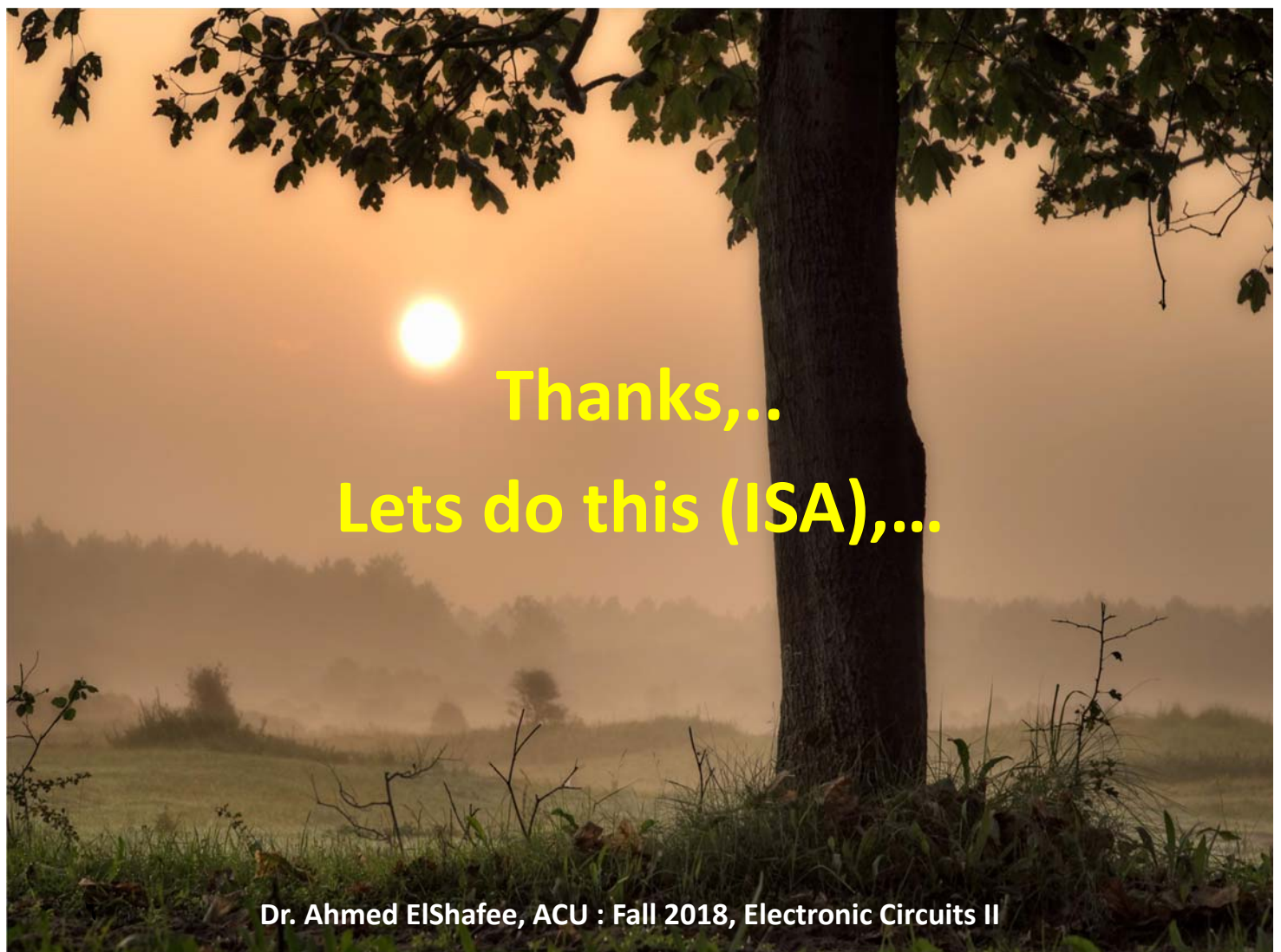
# Grading Scheme

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item	Grade
final	40
Midterm + quizzes	20 +10
Attendance and participation	10
Laboratories	10
deliverables	10

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