



Lecture (00) About Practical App. EE I Course

By:

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General information

Course name, Code	Practical App. EE I
Pre-requisite	-
Credit hours	2
Number of Projects	6
Number of weeks	15
Date, time, place	Thu :9-11

Email	<i>Ahmed.elshafee@acu.edu.eg</i>
Presentations and materials	http://aelshafee.net/LectureNotes.php

Course description

Course covers the practical application in electrical engineering discipline.

Course objective

Provides the basic skills to understand and to design/implement/troubleshoot simple electronic circuits.

Learning Outcomes

After completing this course the students will :

1. Understand circuits prototyping using bread boards.
2. design simple electronic circuits using common active components like diode, transistors, regulator, IC like (555, 386)
3. Build electronic circuits schematic and simulation using computer aided design software
4. Implement schematic using prototype bread boards

Course plane

- Understand circuits schematic/ layout diagrams
- Understand circuits implementation using bread boards (prototypes)
- Implement 6 projects

Grading Scheme

item	Grade
Attendance	20
Participation	20
deliverables	60



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