




Lecture (00) Road Map

By:

Dr. Ahmed ElShafee

Dr. Ahmed ElShafee, ACU : Spring 2018, CSE202 Logic Design I

About the course

Course name, Code	CSE202 Logic design I
Pre-requisite	ECE201
Credit hours	3
Number Sessions	8-12
Date, time, place	
Text book	<i>Charles H. Roth, Larry L. Kinney "Fundamentals of Logic Design Edition" 8th ed</i>

Email	Ahmed.elshafee@acu.edu.eg
Presentations and materials	Aelshafee.net

Objectives

- To analyze and design combinational and sequential logic circuits.

TOC

- Introduction
- Number Systems and Conversion
- Boolean Algebra
- Applications of Boolean Algebra
- Minterm and Maxterm Expansions
- Karnaugh Maps
- Quine-McCluskey Method

Grading Scheme

item	Grade
final	40
midterm	20
Attendance and participation	10
Laboratories	10
Quizzes	10
Deliverables	10

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Thanks,..

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