

Umm Al-Qura University
College of Computer and Information Systems

Switching Theory 1403271-4
Summer 2016

Instructor:

Dr. Emad Felemban

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Office: Computing College Building # 53

Office Hours:

By appointment through an email request

Textbook:

M. Morris Mano and Michael D. Ciletti, Digital Design, 5th Edition, 2007, Prentice Hall, ISBN-10: 01398926X, ISBN-13: 978-013989269.

Grading Policy:

- | | |
|-----------------|-----|
| ○ Lab | 20% |
| ○ Quizzes (4) | 20% |
| ○ Midterm I | 20% |
| ○ Midterm II | 20% |
| ○ Final | 20% |

Topics to be covered:

Chapter 1: Binary System

Chapter 2: Boolean Algebra and Logic gates

Chapter 3: Simplification of Boolean Functions

Chapter 4: Combinational Logic

Chapter 5: MSI and PLD components

Chapter 6: Synchronous Sequential Logic

Course Materials and Schedule:

Lecture	Dates	Chapter	Notes
1	29 Sha'ban	1	
2	2 Ramdan	1	Quiz1
3	4 Ramdan	1	
4	7 Ramdan	2	
5	9 Ramdan	2	Quiz2
6	11 Ramdan	2	Midterm I
7	14 Ramdan	3	
8	16 Ramdan	3	Quiz 3
9	18 Ramdan	3	
10	21 Ramdan	4	
11	23 Ramdan	4	Quiz4 / Midterm II
12	12 Shawal	5	
13	14 Shawal	6	
14	16 Shawal	6	
15	28 Shawal	Exams	
16	29 Shawal	Exams	
17	1 Dul Qidah	Exams	