

**Colleges of Applied Sciences  
Information Technology Department  
Spring Semester 2010**

**COURSE Schedule**

**INTRODUCTION TO COMPUTER ORGANIZATION (SFDV2005)**

Instructor: Mr. Walid Bani-Hani

Wk	Lec./Tut	Topic		Assessment
1.	00	Introduction		<b>Quiz 1</b>
2.	01	Data Representation	Bits, Bytes, Characters	
3.	02		Integers	
4.	03		Real Numbers	
5.	04	Digital Logic	Boolean Algebra and Gates	<b>Assig.1 Quiz 2</b>
6.	05		Combinatorial Logic	
7.	06+Lab1		Sequential Logic	
8.	07	CPU: Structure of a computer		<b>Mid Exam</b>
9.	08	Memory and storage systems		
10.	08	Cache Memory		
11.	09+Lab2	Input/ Output		<b>Assig.2 Quiz ?</b>
12.	10	Control and Microprogramming		
13.	11	Instruction sets and addressing modes		
14.	12	Assembly language		
15.	12+Lab3	Lab3 and Assembly Lang. Exam		<b>Assembly Exam</b>
16.	--	Final Theoretical Examination		<b>Final Exam</b>