

Republic of Iraq
 Ministry of Higher Education
 & Scientific Research
 Al Anbar University



University: University of Anbar
 College: CS & IT
 Instructor Name:
 Academic status:
 Qualification:
 Place of work: Anbar University
 Book's Title, Computer Architecture,
 William Stalling

Course Weekly Outline

Course Name: Computer Architecture

Course Instructor					
E-mail					
Title					
Course Coordinator					
Course Objective					
Course Description					
Textbook					
References	Introduction to Algorithms Second Edition				
Course Assessments	TermTests	Laboratory	Quizzes	Project	Final Exam
General Notes					



First Course Weekly Outline

Week	Date	Topics Covered	Notes			
1		Introduction Computer organization				
2		Historical development for computers				
3		Computer Levels				
4		Data Representation in Computer Systems.				
5		Signed Integer Representation				
6		Floating Point Representation				
7		Introduction to a Simple Computer				
8		CPU Functions				
9		Mid Examination				
10		Registers, Buses				
11		simple model computer design, Marie				
12		Instruction Processing				
13		Assembler				
14		Control Unit, Real World Architecture				
15		Final Examination.				
		Term Tests	Laboratory	Quizzes	Project	Final Exam
		(30%)	-----	(10 %)	(%)	(60%)

Instructor Signature:

Dean Signature:



Second Course Weekly Outline

Week	Date	Topics Covered	Notes			
1		Instruction Set Architecture				
2		Instruction Format and types				
3		Addressing modes:1-3				
4		Addressing modes:3-7				
5		Memory system, Introduction				
6		Components of memory system				
7		The memory Hierarchy				
8		Cache Memory				
9		Mid Examination				
10		Cache Organization				
11		Replacements Algorithms				
12		Write Strategies				
13		Virtual Memory				
14		Virtual Memory				
15		Final Examination.				
		Term Tests	Laboratory	Quizzes	Project	Final Exam
		(30%)	-----	(10 %)	(%)	(60%)

Instructor Signature:

Dean Signature: