Republic of Iraq
The Ministry of Higher Education
& Scientific Research

University: of Anbar.
College: CS&IT
Department: of Information Systems.
Stage: 2nd
Instructor name: MahaMahmood
Academic status: Asst. Teacher
Qualification: Msc
Place of work: College of CS&IT

Course Weekly Outline

Course Instructor	MahaMahmoodJassam				
E-mail	Maha_882010@yahoo.com				
Title	Asst.Teacher				
Course Coordinator	1-Ali Makki 2-Maha Mahmood Jassam 3-Shokhan Mahmood				
Course Objective	Provide computer science students to understand the basic-to advanced concepts related to HTML and designs the wep pages				
Course Description	Introductory course to define HTML, Tags, XHTML,Viewing your HTML page.				
Textbook	Learning Wep designs				
References	**Learning Web Design, 4th Edition** A Beginner's Guide to HTML, CSS, JavaScript, and Web Graphics By Jennifer Niederst Robbins Publisher: O'Reilly MediaFinal Release Date: August 2012 Pages: 624				
Course Assessments	TermTests	Laboratory	Quizzes	Project	Final Exam
	20%	15%	5 %	10	50%
General Notes					

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Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		HTML markup for structure		
2		Creating a simple page		
3		Marking up text , adding links		
4		Adding Images, Table Markup,forms		
5		What's up HTML5		
6		CSS For Presentation		
7		Formatting Text, colors and backgrounds		
8		Thinking inside the Box, floating and positioning		
9		Mid Exam		
10		Page layout with CSS,		
11		Transitions, transforms, and animation		
12		CSS Techniques		
13		Greating Web Graphics		
14		Web Graphics Basics		
15		Lean and mean web Graphics		

Instructor Signature: **Dean Signature:**

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University: Anbar
College: CS & IT
Department: computer science
Stage: 2nd
Instructor name: Ali j. Dawood
Academic status: Assist. Prof.
Qualification: Phd computer science
Place of work: Ar Ramadi

Course Weekly Outline

Course Name : Computational theory 2

Course Instructor	Assist. Prof. Dr. Ali Jbaeer Dawood				
E-mail	dralijd@yahoo.com				
Title	Assist. Prof.				
Course Coordinator					
Course Objective					
Course Description	Grammar, Chomsky Normal Form, Greibach Normal Form, LMD & RMD, Ambiguity, Regular language, PDA, TM, PM .				
Textbook	Daniel L. A. Cohen, Introduction of the theory of computation.				
References	-Lewis, H.R. and Papadimitriou, Christos. 1998. Elements of the Theory of Computation. 2nd Edition. Prentice-Hall.				
Course Assessments	TermTests	Laboratory	Quizzes	Project	Final Exam
	Exam1=15% Exam 2=15%		10%	-	60%
General Notes					

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University: Anbar
College: CS & IT
Department:
Stage:
Instructor name:
Academic status:
Qualification:
Place of work:

Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		Regular Grammar (RG or FSG)		
2		Context Free Grammar (CFG)		
3		Grammar Generating, LMD & RMD, Parsing tree		
4		Ambiguity in CFG		
5		Chomsky Normal Form		
6		Greibach Normal Form		
7		Push Dawn Automata (PDA) for a^nb^n		
8		Push Dawn Automata (PDA) for $a^nb^nb^na^n$		
9		Tracing in PDA		
10		Turing Machine (TM)		
11		Insert, delette, replace TM subprogram		
12		Post Machine (PM)		
13		PM tracing		
14		Regular language		
15		Regular language		

Instructor Signature:

Dean Signature:

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University: Anbar
College: CS & IT
Department:
Stage: 2nd
Instructor name:Suhail M.Ali
Academic status: teacher
Qualification: Msc
Place of work: Anbar

Course weekly Outline

Course Name :Numerical analysis

Course Instructor	Suhail M. Ali				
E-mail	Suhael1958@yahoo.com				
Title	**Numerical analysis**				
Course Coordinator	15 weeks				
Course Objective	Training students on the Numerical methods to solve mathematical problems that CAN NOT be solved by ordinary methods.				
Course Description	Numerical Methods for Computer Applications				
Textbook	1:Calculas , Thomas ,1990,5th edition 2: The Student Edition of Matlab ' The Language of Technical Computing' Version 5 in 1997.by Duane Hanselman .Prentice-Hall; Inc.				
References	Matlab User's Guide from www.MathWorks .com				
Course Assessments	TermTests	Laboratory	Quizzes	Project	Final Exam
	As (30 %)	(15%)	(5%)	----	50%
General Notes					

Republic of Iraq
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University: Anbar
College: CS & IT
Department:
Stage: 2nd
Instructor name:Suhail M.Ali
Academic status: teacher
Qualification: Msc
Place of work: Anbar

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1	8-2-2016	Sol of Non linear eq. Iteration Method	Matlab sol.1	
2	15-2	ex	ex	
3	23-2	Sol of Non linear eq.Newton's Method	Matlab sol.2	
4	2-3	ex	ex	
5	9-3	Ex on Method 1 &2 together	ex	
6	16-3	Numerical integration trapezoidal M.	Matlab sol N.I	
7	23-3	Ex	ex	
8	30-3	Ex	ex	
9	6-4	Sol of Diff. Eq. Euler M (1)	Matlab sol Diff. Eq.	
10	23-4	Ex	ex	
11	30-4	Ex	ex	
12	7-5	Sol of Diff. Eq. Euler M (2) improved	Sol of Dif. Eq Matlab	
13	13-5	Ex	ex	
14	20-5	Ex	ex	
15	27-5	Review	Review	
16	5-6	exams	exams	

Instructor Signature: **Dean Signature:**

Course Weekly Outline

Republic of Iraq
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University: Anbar
College: CS & IT
Department: computer science
Stage: second
Instructor name: Falath Mansuor
Academic status: Assist.Instructor
Qualification: Computer Science.Mster
Place of work: Anbar University

Course Weekly Outline

Course Name :Second Course

Course Instructor	فلذ منصور محمد				
E-mail	falathm@yahoo.com falath2@gmail.com				
Title	Computer theory				
Course Coordinator					
Course Objective	Give the student computer theores				
Course Description	Give student good understand about computer theories and how they used to get optimal solution to our problems				
Textbook	Introduction to Algorithms Second Edition				
References					
Course Assessments	TermTests	Laboratory	Quizzes	Project	Final Exam
	(20%)	(10 %)	(10 %)	(10 %)	(50%)
General Notes					

Republic of Iraq
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University: Anbar
College: CS & IT
Department:: computer science
Stage: second
Instructor name: Falath Mansour
Academic status: Assist.Instructor
Qualification: Computer Science.Mster
Place of work: Anbar University

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		Basic Concepts in Algorithmic Analysis		
2		Introduction to Algorithm		
3		The Big-O Notation		
4		Linear Search Problem		
5		Binary Search Problem		
6		Sorting & Searching , Goal of Sorting , Sorting Steps		
7		،Bubble Sort		
8		Quick Sort, Merge Sort		
9		حل اسئلة ومشاكل متعلقة بالفصل		
10		Insertion Sort		
11		Selection Sort		
12		Graph Algorithms		
13		Searching Graphs		
14		Depth search		
15		first search-		

Course Weekly Outline

Instructor Signature: **Dean Signature:**