

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq

The Ministry Of Higher Education
& Scientific Research



University: University of Baghdad
College: College of Science for Women
Department: Computer Deptt.
Stage: Fourth Stage/ Second Semester
Lecturer name: Noor A. Ibraheem
Qualification: PhD in Computer
Science
Place of work: College of Science for
women/ Computer Dept.

Syllabus Form

Instructor Name	Noor Adnan Ibraheem				
E-mail	naibraheem@gmail.com				
Course Title	Multimedia				
Course Coordinator	111CS406				
Course Objectives	To enable the student to get enough knowledge regarding the different formats for multimedia and to transfer information like text, graphics and audio, start in from first media used which us text files ending up to HTML and their accessories, vbscript and javascript is employed as well to design such wen based pages.				
Course Description	<ol style="list-style-type: none">1- Knowing the different media used to transfer data2- Markup language3- Different image format understanding4- Color models used to represent the colors in images5- Vbscript and javascript6- Vb .net and dreamweaver to design web sites				
Textbook	1- Fundamentals of Multimedia, by Ze-Nian Li and Mark S. Drew, Pearson Education International, 2004. 2- Introduction to Computing and Programming in Java: A Multimedia Approach, Mark Guzdial and Barbara Ericson, Prentice Hall, Upper Saddle River, New Jersey 07458, 2005. 3- Introduction to Media Computation: A Multimedia Cookbook in Python Mark Guzdial, 2002.				
References	4- The Complete Reference Visual Basic.Net, by Jeffrey R. Shapiro, McGraw-Hill Companies, USA, 2002. 5- Learn VB.Net, by Chuck Easttom, Wordware Publishing Inc.,				
Course Assessments	Term Tests (25%)	Laboratory (10%)	Quizzes (5%)	Project -	Final Exam (60%)
General Notes					



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Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	21-2-2016	Definition, components, and historical background of multimedia	First example: Introduction	
2	28-2-2016	Multimedia and hypermedia	application example	
3	6-3-2016	WWW and HTML and parameter assigning	application example	
4	13-3-2016	Image Types	application example	
5	20-3-2016	Image Types and storage required for pixels and palette	application example	
6	27-3-2016	Color Models, Munsell, CIE, RGB	application example	
7	3-4-2016	CMY, HIS, HSV, YUV, YIQ, YCbCr	application example	
8	10-4-2016	Animation images: GIF, direct map BMP	application example	
9	17-4-2016	First seasonal exam		
10	24-4-2016	JPEG, PNG, TIFF, EXIF	application example	
11	3-5-2015	HTML Programming	application example	
12	8-5-2016	Sound, definition and file types	application example	
13	15-5-2016	Encoding the sound	application example	

14	22-5-2016	File types of video and framing	application example	
15	29-5-2016	Video coding	application example	
16	31-5-2016	Final seasonal exam		
Half – year break				
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Instructor Signature:

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