Faculty of Commerce & Business Administration

Internet and Multimedia Applications

Information :

Course Code :	BIT 382	**Level**	**:**	Undergraduate	**Course Hours :**	3.00- Hours

Department :	Department of Accounting

Area Of Study :

The course presents the fundamental technologies behind the web as well as techniques for designing, developing and evaluating web-based applications. Topics will include HTML, Cascading Style Sheets, JavaScript, PHP and MYSQL.

Description :

Introduce the student to concept of Web animation, use industry standard software to create beautiful, resizable, and extremely small and compact navigation interfaces, technical illustrations, long form animations, and other dazzling effects for Web sites.

Course outcomes :

a.Knowledge and Understanding: :

1 -	Be aware of the concepts and techniques of Internet and Multimedia applications.
2 -	Be aware of different techniques for design and developing of internet and multimedia applications.

b.Intellectual Skills: :

1 -	Apply their knowledge to choose and differentiate rationally between different techniques of developing dynamic, and static web sites and web applications.
2 -	Apply logical thinking to solve problems related to design and developing of different web sites and applications using different methodologies.

c.Professional and Practical Skills: :

1 -	Apply and use different programming tools and languages in developing and design different static and dynamic web sites and web applications.
2 -	Learn how to use HTML, JavaScript, PHP, and MySQL and applying them in developing web sites and applications.

d.General and Transferable Skills: :

1 -	Assess problems.
2 -	Interact efficiently with others.

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
Internet Concepts Overview	4	3	1
HTML Basics & Cascading Style Sheets Part1	4	3	1

Course Topic And Contents :

Topic	No. of hours	Lecture	Tutorial / Practical
HTML Basics & Cascading Style Sheets Part2	4	3	1
HTML5 Multimedia	4	3	1
First Mid-Term	4	3	1
Introduction to JavaScript	4	3	1
JavaScript control statements Part1	4	3	1
JavaScript control statements Part2	4	3	1
JavaScript functions, arrays, events, forms Part1	4	3	1
2nd Midterm Exam	4	3	1
JavaScript functions, arrays, events, forms Part2	4	3	1
Introduction to PHP , MySql Part1	4	3	1
Introduction to PHP , MySql Part2	4	3	1
Revision	4	3	1

Teaching And Learning Methodologies :

Data show and computer in lectures.
Demonstration videos.
Group discussion
Self-learning
Practical.

Course Assessment :

Methods of assessment	Relative weight %	Week No	Assess What
1st Mid-Term Exam	20.00	6	
2nd Mid-Term Exam	20.00	11	
Final Exam	40.00	16	
Semester Work	20.00	13	

Course Notes :

Handouts.

Periodicals :

• Bureau of Labor Statistics, U.S. Department of Labor. "Information Security Analysts, Web Developers, and Computer Network Architects". Occupational Outlook Handbook, 2012-13 Edition. Retrieved 2013-01-17.
• "Web Application Security". DocForge. 22 February 2010. Retrieved 17 December 2008

http://www.fue.edu.eg