



Sub.	Course Description – توصيف مقرر دراسي – الموضوع	الموضوع	 كلية المعرفة ALMAAREFA COLLEGE
Date		التاريخ	

Course Code & No	INFO331	331نظم	رقم المقرر ورمزه
Course Name	E-Business Programming	برمجة الأعمال الإلكترونية	اسم المقرر
Credit Hours	3 (2 + 1 + 0)	(0 + 1 + 2) 3	عدد الساعات المعتمدة
Pre-requisite	INFO 211 and INFO 232	211 نظم و نظم 232	المتطلب السابق

General Description	توصيف عام
<p>This course aims at introducing students with:</p> <p>Technologies for developing web-based e-business applications. Concepts of user interface design, data validation, and client-server systems are introduced. Client-side and server-side program developments using appropriate development programming languages and tools. Students are trained through the lab section of this course.</p>	

Course Objectives	أهداف المقرر
<ul style="list-style-type: none"> • Describe the Internet and World Wide Web. • Recognize client side and server side programming • Recognize proper web development, styling, validating, querying and manipulating tools. • Recognize proper user interface design and development techniques. • Design and develop structure and organization of Web sites. • Differentiate between client side and server side programming. • Compose W3C validation service rules to validate XHTML Pages. • Design proper webpages using CSS styles. • Develop dynamic Web pages by using java script and DOM • Design interactivity with users by using event handling • Create input data validation using java script, XML and DTD. • Demonstrate skills of web based project management. • Demonstrate ethical responsibilities towards clients. • Demonstrate the ability to work in a team. • Employ up-to-date web development tools. • Show confidence when dealing with different web development tools. 	

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Course Outlines	مفردات المقرر
<ul style="list-style-type: none"> • Web usability issues. • Data validation. • Client-server systems. • Web server software. • Client-side web development. • Server-side web development. • Web databases. • Web application development tools. • E-business development tools. • HTML. DHTML. Cascading Style Sheets. • JavaScript. CGI. • Perl. • XML. • ASP.PHP.MySQL. • MS Frontpage. Macromedia Dreamweaver. Macromedia Flash. 	

References	المراجع
<ul style="list-style-type: none"> • Internet & World Wide Web: How to Program: International Version, 5/e Deitel & Deitel ©2012 Pearson Higher Education ISBN-10: 0136035426 ISBN-13: 9780136035428 	