



وثق ما تفعل
وافعل ما توثق
إدارة الجودة الشاملة

جمهورية العراق
وزارة التعليم العالي والبحث العلمي
جامعة بابل
كلية تكنولوجيا المعلومات
قسم شبكات المعلومات
الدراسات الأولية

العدد:	Curriculum and Process Design Evidence CAPDE (7-3-1.2.3.-01-01)	رقم المقرر الدولي:
التاريخ:	دليل تصاميم المناهج والمقررات	Course NO.:

1	اسم المقرر	جافاسكربت JavaScript	النوع	فصلي X	سنوي
	اجباري: X	اختياري:	رقم الاصدار:	تاريخ الاصدار:	

2	عدد الوحدات	4	عدد الساعات الاجمالي	5	النظري	3	العملي	2
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3	المرحلة الدراسية	الثالثة
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4	اسم التدريسي	د. حيدر محمدحبيب مجيد
	الشهادة واللقب العلمي	دكتوراه علوم حاسبات – مدرس
	التخصص الدقيق	Recommendation Systems, Social Media Networks, Web Technology

5	لغة تدريس المقرر	انكليزي
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برنامج المقرر

اولا	المقدمة
<p>This course clarifies how JavaScript can be utilized as a part of programming to make Web pages more interactive, fascinating, and easy to understand. Students will likewise find out about jQuery because it makes JavaScript easy to write.</p> <p>Before starting this course, students need to know how to build web pages using HTML and CSS. It is not necessary for students having prior experience with any programming languages.</p> <p>Learning to program with JavaScript includes:</p> <ul style="list-style-type: none">• Understanding the concepts of basic programming and the terms that JavaScript programmers use to describe them.• Like all programming languages principles, learning JavaScript need to know its vocabulary and how to structure sentences.• To get comfortable with how it is applied at samples of how JavaScript is ordinarily utilized as a part of websites today. <p>The equipment that students need for this course are a PC with a modern web browser installed, and any favorite code editor.</p>	



اهداف المقرر	ثانيا
1- Looks at some key concepts in computer programming, showing you how computers create models of the world using data, and how JavaScript is used to change the contents of an HTML page.	
2- Cover the basics of the JavaScript language.	
3- Explains how the Document Object Model (DOM) lets you access and change a document's contents while it is loaded into the browser.	
4- Discusses how events can be used to trigger code.	
5- Shows you how jQuery can make the process of writing scripts faster and easier.	
6- Introduces you to Ajax, a set of techniques that allow you to just change part of a web page without reloading the entire page.	
7- Covers Application Programming Interfaces (APIs), including new APIs that are part of HTML5 and those of sites like Google Maps.	

مفردات المقرر او المحتوى	ثالثا
Week 1	<ul style="list-style-type: none">• Present the syllabus of the current course.• Discussion of the Students' Projects.
Week 2	<ul style="list-style-type: none">• ABC of Programming Languages
Week 3	<ul style="list-style-type: none">• Basic JavaScript Instructions
Week 4	<ul style="list-style-type: none">• Functions and Methods
Week 5	<ul style="list-style-type: none">• Objects
Week 6	<ul style="list-style-type: none">• Decisions and Loops
Week 7	<ul style="list-style-type: none">• First Exam
Week 8	<ul style="list-style-type: none">• Document Object Model - DOM
Week 9	<ul style="list-style-type: none">• Events
Week 10	<ul style="list-style-type: none">• jQuery
Week 11	<ul style="list-style-type: none">• Ajax



مفردات المقرر او المحتوى		ثالثا
Week 12	• JSON Object in JavaScript	
Week 13	• APIs	
Week 14	• Second Exam.	
Week 15	• Project Discussion.	

طرائق التدريس المعتمدة لتنفيذ المقرر		رابعا
1- Lectures (Present by using MS-PowerPoint, Preparing more details in pdf files.)		
2- Discussion.		
3- Interaction between the lecturer and the students by questions.		

توزيع درجات المقرر وفق لواحد أو أكثر مما يأتي		خامسا
• Two Theoretical Exams, Active participation, homework assignments, Attendance, Quizzes		%26
• Practical Exams		%24
• Final exam		%50

المصادر والمراجع		سادسا
• Jon Duckett. 2014. <i>Javascript and JQuery: Interactive Front-End Web Development</i> (1st ed.). Indianapolis, Indiana: John Wiley & Sons Publishing		
• Refsnes, H. and Refsnes, S. and Refsnes, K.J. and Refsnes, J.E. and Henthorne, K.D. 2010. <i>Learn JavaScript and Ajax with w3Schools</i> . Indianapolis, Indiana: Wiley Publishing		

رئيس القسم: د. مهدي عبادي مانع

اسم التدريسي: د. حيدر محمدحبيب مجيد

التوقيع:

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