



**Jordan University of Science and Technology**  
**Faculty of Computer & Information Technology**  
**Computer Information Systems Department**

CIS341 Web Applications Development

First Semester 2020-2021

**Course Catalog**

3 Credit Hours. This course is an advanced course to the web pages design using tools other than HTML, such as JavaScript, PHP and others. Topics covered include the designing dynamic web pages, client-side scripting languages, server-side scripting languages, cookies, Ajax.

**Text Book**

<b>Title</b>	Internet & World Wild Web: How to Program
<b>Author(s)</b>	Deitel, Deital and Nieto
<b>Edition</b>	5th Edition
<b>Short Name</b>	Textbook
<b>Other Information</b>	

**Instructor**

<b>Name</b>	<b>Dr. Qusai Abuein</b>
<b>Office Location</b>	A3 L3
<b>Office Hours</b>	Mon : 11:30 - 13:00 Tue : 11:30 - 13:00 Wed : 11:30 - 12:30 Thu : 11:00 - 13:00
<b>Email</b>	qabuein@just.edu.jo

**Class Schedule & Room**

**Section 1:**

Lecture Time: Sun, Tue : 10:00 - 11:30

Room: منصة الكترونية

**Section 2:**

Lecture Time: Sun, Tue : 13:00 - 14:30

Room: منصة الكترونية

**Section 3:**

Lecture Time: Mon, Wed : 10:00 - 11:30

Room: منصة الكترونية

**Teaching Assistant**

(), (), (), Mrs. Tahani Fnaish(), Mrs. Heba Shatnawi(), Mrs. Khadijah Shatnawi()

**Prerequisites**

Line Number	Course Name	Prerequisite Type
1742010	CIs201 Introduction To Web Design	Prerequisite / Study

**Tentative List of Topics Covered**

Weeks	Topic	References
Weeks 1, 2, 3, 4, 5, 6, 7	Introduction to JavaScript	<b>CH 6,7,8,9,10,11</b> From <b>Textbook</b>
Weeks 8, 9, 10, 11	PHP	<b>CH 19</b> From <b>Textbook</b>
Week 12	DOM	<b>CH12</b> From <b>Textbook</b>
Week 13	Events	<b>CH13</b> From <b>Textbook</b>
Weeks 14, 15	XML	<b>CH14</b> From <b>Textbook</b>

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Create a simple web page using JavaScript Programming language, and introduce some basic concepts in JavaScript, such as, input, output , and control structure statements [1SO1]	25%	Midterm Exam, Lab work, Quizzes and assignments, Final Exam
Create a web page using advanced statements of JavaScript Programming language, including, Arrays, Functions, and Objects [1SO1, 1SO2]	25%	Midterm Exam, Lab work, Quizzes and assignments, Final Exam
Develop and implement server-side applications using PHP programming language. [1SO1, 1SO2]	25%	Lab work, Quizzes and assignments, Final Exam
Create a webpage using DOM, Event, DXML features of JavaScript [1SO1, 1SO2]	25%	Lab work, Quizzes and assignments, Final Exam

Relationship to Program Student Outcomes (Out of 100%)																
A	B	C	D	E	F	G	H	I	J	K	SO1	SO2	SO3	SO4	SO5	SO6
											62.50	37.50				

Evaluation	
Assessment Tool	Weight
Midterm Exam	20%
Lab work, Quizzes and assignments	30%
Final Exam	50%

Policy	
Teaching & Learning Methods	- Class lectures, lecture notes and assignments are designed to achieve the course objectives. - Students are expected to read the material as detailed in the text, complete the assignments on time and participate in class. - Course web page is an essential part of the course. - Course project is designed to measure the student understanding of the course
Course Objectives	This course is designed to help students: 1. Create a simple webpage using JavaScript Programming language by using input, output, and control structure statements 2. Create a webpage using advance statements of JavaScript Programming language by using Array, Functions, and Objects 3. Develop and implement server-side application, using PHP server-side programming language 4. Create a webpage using DOM, Event, DXML features of JavaScript 5. Identify and discuss web servers and introduction about XML
Essential Notes	Makeups: Makeup exam should not be given unless there is a valid excuse. Drop Date: Last day to drop the course is before the 12th week of the current semester Cheating Standard JUST policy will be applied. Attendance: - Excellent attendance is expected - According to the JUST policy, a student will receive the grade of ZERO (35%) ?failed for absence? if he misses more than 20% of the classes - Attendance will be taken by calling the names or passing a sign-up sheet - If you miss a class, it is your responsibility to find out about any announcements or assignments you may have missed. Workload: Average work-load student should expect to spend is 6 hours/week. Graded Exams: Graded exam papers will be returned within a week. Participation - Participation in the class will positively affect your performance. - Disruption and side talks will possibly result in dismissal from class - No eating or chewing gums are allowed in class.

Date Printed: 2020-10-26