



**Jerash University**  
**Faculty of Computer Science and Information Technology**  
**Computer Sciences Department**

**Semester:** Fall Semester 2018/2019

<b>Course symbol and number:</b> 1001108	<b>Course Name:</b> مقدمة في برمجة الإنترنت
<b>Teaching Language:</b> English	<b>Prerequisites:</b> N/A.
<b>Credits:</b> 3 hours.	<b>Course Level:</b> 100

### Course Description

This course takes a unique approach to prepare students to design web pages that work today in addition to being ready to take advantage of HTML5 coding techniques of the future. The text covers the basic concepts that web designers need to develop their skills:

- Introductory Internet and Web concepts
- Creating web pages with HTML5
- Configuring text, color, and page layout with Cascading Style Sheets
- Configuring images and multimedia on web pages
- Web design best practices
- Accessibility, usability, and search engine optimization considerations
- Obtaining a domain name and web host.
- Publishing to the Web using certain software.

## Course Objectives

The main objectives of this course are to:

- 1) Learn how to design and develop a Web page using HTML and CSS.
- 2) Learn how to link pages so that they create a Web site.
- 3) Design and develop a Web site using text, images, links, lists, and tables for navigation and layout.
- 4) Style your page using CSS, internal style sheets, and external style sheets.
- 5) Learn how to use graphics in Web design.
- 6) Learn Java Script.
- 7) Learn how to design and develop a Web page using HTML and CSS.
- 8) Learn how to link pages so that they create a Web site.
- 9) Design and develop a Web site using text, images, links, lists, and tables for navigation and layout.
- 10) Style your page using CSS, internal style sheets, and external style sheets.
- 11) Learn how to use graphics in Web design.
- 12) Learn Java Script.

## Learning Outcomes

Upon completion of this course, students should be able to:

- A. Understand the difference between HTML, CSS and JavaScript.
- B. Create a basic web page/s.
- C. Insert content into the page and structure it in a basic manner.
- D. Apply styles to the page elements.
- E. Create, modify, and format content with basic CSS.
- F. Link web pages.
- G. Understand basic control of elements with JavaScript

## Text Book(s)

<b>Title</b>	Elizabeth Castro, Bruce Hyslop , "HTML5 & CSS3 Visual QuickStart Guide",7th Edition Peachpit Press.
<b>Author(s)</b>	<a href="#">Elizabeth Castro</a> , <a href="#">Bruce Hyslop</a>
<b>Publisher</b>	Peachpit Pres
<b>Year</b>	2013
<b>Edition</b>	Senth Edition

References	
<b>Books</b>	<p>[2] Elizabeth Castro), Bruce Hyslop , "HTML5 &amp; CSS3 Visual QuickStart Guide", 7th Edition Peachpit Press.</p> <p>[3] Internet and World Wide Web- How to Program, 4<sup>th</sup> Edition, P.J. Deitel, H. M. Deitel, Prentice Hall, 2008.</p> <p>[4] <a href="http://www.w3schools.com">www.w3schools.com</a></p>
<b>Internet links</b>	<a href="http://www.jpu.edu.jo/lms">http://www.jpu.edu.jo/lms</a>
<b>Course link</b>	<a href="#">Click here</a>

Instructors	
<b>Instructor</b>	Dr. Mohammed M. Abu Shquier
<b>Office Location</b>	الطابق السابع – 720
<b>Office Phone</b>	555
<b>E-mail</b>	<a href="mailto:Shquier@jpu.edu.jo">Shquier@jpu.edu.jo</a>

Topics Covered			
Topics	Chapters in Text	Week number	Teaching hours
✓ Introduction to WWW and XHTML.			
✓ Web page building blocks.			
✓ Working with Web files			
✓ Basic HTML structure.			
✓ Basic HTML formatting.			
✓ Web graphics			
✓ Links and site structure			
✓ Style Sheet basics.			
✓ Working with CSS files.			
✓ Style Selectors.			
✓ Formatting with Styles.			
<b>Mid Term Exam</b>			
✓ CSS Layout			
✓ Enhancements with CSS.			
✓ Lists.			
✓ Tables.			
✓ Forms			
✓ Java Script 1 & 2			
✓ Testing & Debugging Web Pages			
<b>Final Project and Final Exam</b>			

<b>Evaluation</b>		
<b>Assessment Tool</b>	<b>Expected Due Date</b>	<b>Weight</b>
Programming assignments and LMS		20 %
First Exam		20 %
Second Exam		20 %
Final Exam	According to the University final examination schedule	40 %

<b>Policy</b>	
<b>Attendance</b>	Attendance is very important for the course. In accordance with university policy, students missing more than the allowed absence rate of total classes are subject to failure. Penalties may be assessed without regard to the student's performance. Attendance will be recorded at the beginning or end of each class.
<b>Exams</b>	All exams will be CLOSE-BOOK; necessary algorithms/equations/relations will be supplied as convenient.

<b>Class Schedule &amp; Room</b>
----------------------------------

<b>Office Hours</b>
Sun: 8 - 9 Mon: 8 - 9:30 Tues: 11 - 12 Wed: 11 - 12:30
* Or by an appointment through email

<b>Teaching Assistant</b>
To announced later on.

<b>Prerequisites</b>	
Prerequisites by course	1001108