

Web Design and Programming

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

The goal for students in this course is to learn the fundamentals of web programming using the following technology:

- HTML
- CSS
- JAVASCRIPT
- PHP

The student will be introduced to some browser compatibility problems that must be considered during the build of the website. The student will built a simple website during the course as a practice.

1. Teaching Institution	Al-Nahrain University/ College of Science
2. University Department/Centre	Computer Science department
3. Course title/code	Web Design and Programming
4. Program(s) to which it contributes	B.Sc. in Computer Science
5. Modes of Attendance offered	Full Time
6. Semester/Year	second Semester/ 2021-2022
7. Number of hours tuition (total)	30 Theory + 30 Practical
8. Date of production/revision of this specification	
9. Aims of the Course	
Introducing web design and programming to students to let them starting their way in real business.	

10· Learning Outcomes, Teaching ,Learning and Assessment Method

A- Knowledge and Understanding

A1.Basic knowledge about web programming

A2.Focus on learning web technologies (HTML,CSS, Javascript, and PHP)

B. Subject-specific skills

B1. HTML

B2. CSS

B3. Javascript

B4. PHP

Teaching and Learning Methods

- Describe, discuss, and practice

Assessment methods

- Exams, Quizes, and Project

C. Thinking Skills

C1.Asking: Seeking new information

C2.Deduce and Conclude.

C3. Compare.

C4. Discussion

Teaching and Learning Methods

Describe, discuss, and practice

Assessment methods

Exams, Quizes, and Project

D. General and Transferable Skills (other skills relevant to employability and personal development)

D1. The student will create a project during the course that develop his self-learning which is needed in real world jobs.

D2. The web development is highly requested in the local and international market and put his foot oon the first step to the mobile application development.

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2 theory + 2 Lab.		- Introduction to Internet technology and how it works	Describe, Discuss, and practice	Class Activity
2	=		- Introduction to the Internet services	=	Class Activity and Quiz
3	=		- Web design	=	Class Activity and Quiz
4-6	=		- HTML		
7	=		- CSS Basics	=	Class Activity and Quiz
8	=		- Mid1 Test	=	
9-10	=		- Javascript Basics	=	Class Activity
11-13	=		- PHP Basics	=	Class Activity
14-15	=		- Projects submission and presentation		

12. Infrastructure	
Required reading: · CORE TEXTS · COURSE MATERIALS · OTHER	http://www.tutorialspoint.com
Special requirements (include for example workshops, periodicals, IT software, websites)	
Community-based facilities (include for example, guest Lectures , internship , field studies)	