Faculty: Information Technology	
Department: Cyber Security	**Program:** Bachelor
Academic year: 2023/2024	**Semester: 2nd**

Course Plan

First: Course Information

Course No.:1506181	***Course Title: Web Programming Lab(1)***	***Credit Hours:1***	***Theoretical:0***	***Practical:1***
Prerequisite No. and Title:1501111-programming lab(1)	***Section No.: 11***	***Lecture Time:*** Thu 9:30-11:00		
Level in JNQF	***6***			
Type Of Course:	☐ ***Obligatory University Requirement*** ☐ ***Elective University Requirement*** ■ ***Obligatory Faculty Requirement*** ☐ ***Elective Faculty Requirement*** ☐ ***Obligatory Specialization Requirement*** ☐ ***Elective Specialization Requirement*** ☐ ***Ancillary course***			
Type of Learning:	■ ***Face-to-Face Learning*** ☐ ***Blended Learning (2 Face-to-Face + 1 Asynchronous)*** ☐ ***Online Learning (2 Synchronous+ 1 Asynchronous)***			

Second: Instructor's Information

Course Coordinator:					
Name: Eng.Barah Al-Awasa	***Academic Rank:*** Assistant Teacher				
Office Number: 167A	***Extension Number: -***	***Email***: b.awasa@zu.edu.jo			
Course Instructor:					
Name: Eng.Barah Al-Awasa	***Academic Rank:*** Assistant Teacher				
Office Number: 167A	***Extension Number: -***	***Email:*** b.awasa@zu.edu.jo			
Office Hours:	***Sunday*** 11-12	***Monday*** 12-1	***Tuesday*** 11-12	***Wednesday*** 12-1	***Thursday*** 12-1

Third: Course Description

This course gives Students basic web authoring including the use of design tools, CSS, HTML, testing and verification, and JavaScript.

Fourth: Course Objectives

1. Understanding the origins of computer and World Wide Web.
2. Designing web pages using HTML5.
3. Recognizing Cascading Style Sheet (CSS3) concepts.
4. Being able to integrate CSS3 into HTML5 environment.
5. Understanding the Java Script concepts and employ it into the web page designing.

Fifth: Learning Outcomes

Level descriptor according to (JNQF)	*CILOs Code*	*CILOs* If any CLO will not be assessed in the course, mark NA.	*Associated PILOs Code* *Choose one PILO for each CILO**	*Assessment method* *Choose at least two methods*
Knowledge	**K1**	Understand the origins of computer and World Wide Web.	**PK1**	• Mid-term Exam Final Exam
	K2	Be able to design web pages using HTML5.	**PK2**	• Mid-term Exam Final Exam
	K3	Recognize Cascading Style Sheet (CSS3) concepts.	**PK2**	• Quizzes • Mid-term Exam Final Exam
	K4	Understand the Java Script concepts	**PK2**	• Quizzes • Mid-term Exam Final Exam
Skills	**S1**	Being able to integrate CSS3 into HTML5 environment.	**PS1**	• Mid-term Exam Final Exam
	S2	Being able to integrate Java Script into HTML5 environment.	**PS2**	• Mid-term Exam Final Exam
Competencies	**C1**	Employ CSS3 into web page designing	**PC1**	Participation
	C2	Employ Java Script into web page designing	**PC2**	Participation

*CILOs: Course Intended Learning Outcomes; PILOs: Program Intended Learning Outcomes; For each CILO, the PILO could be the same or different.

Sixth: Learning Resources

Main Reference:	***Internet & World Wide Web: How to Program***		
Author: Dietel & Dietel	***Issue No.: 5th ed.***	***Print:***	***Publication Year: 2018***
Additional Sources and Websites:	• ***Internet*** • ***W3schools***		
Teaching Type:	☐ ***Classroom*** ■ ***Laboratory*** ☐ ***Workshop*** ■ ***MS Teams*** ■ ***Moodle***		

Seventh: Course Structure

Week	Course Intended Teaching Outcomes (CILOs)	Topics	Teaching Procedures*	Teaching Methods**	References***
1	K1,K2	Adding text. Heading. -Add images to web pages. -Use image as link.	Face-to-Face	Lecture, In-class Questions	Textbook-ch2
2	K2	-Lists (ordered, unordered list) -Make the paragraph bold. Inserting special character. -Expressing power. Telling that this sentence deleted. Inserting horizontal line. -Create table. Spanning Rows and Columns	Face-to-Face	Lecture, In-class Questions	Textbook-ch2
3	K1,K2	Adding form	Face-to-Face	Lecture, In-class Questions	Textbook-ch2
4	K1,K2	-Adding Labels (Color, Date, date and time, month, URL Tel, number, range, search., Time, Week, E-mail, local time, Activate,	Face-to-Face	Lecture, In-class Questions	Textbook-ch3

		Autocomplete, Datalist). -Adding meta data.			
5	K3,S1	-To take control of the appearance of a Web site by creating stylesheets. -To use a stylesheet to give all the pages of a Web site the same look and feel. -To use the class attribute to apply styles. -To specify the precise font, size, color and other properties of displayed text. -What is an Embedded Style Sheet?	Face-to-Face	Lecture, In-class Questions	Textbook-ch4
6	K3,S1	-Components of style rule: selector & declaration block -Declaration block components: property/value pairs -Properties: Color, background, font-size, font-weight, font-family, text-decoration -Class and Id attributes	Face-to-Face	Lecture, In-class Questions	Textbook-ch4
7	K3,S1,C1	-property and how this property is used to layer the elements of a document.	Face-to-Face	Lecture, In-class Questions	Textbook-ch4
8	K3,S1,C1	-Background. -Drop-Down -Menus -Text Shadows. -Rounded Corners -Box Shadows. -Radial Gradient -Animation	Face-to-Face	Lecture, In-class Questions	Textbook-ch5
Midterm Exams					

9	K3,S1,C1	-Write simple java script programs -Use input and output statements -Use arithmetic concepts	Face-to-Face	Lecture, In-class Questions	Textbook-ch6
10	K4, S2, C2	-Use if and if … else selection statements -Use the While repetition statement Implement counter-controlled repetition and sentinel-controlled repetition -Use increment, decrement and assign operators	Face-to-Face	Face-to-Face	Lecture, In-class Questions
11	K3,S1,C1	-Use the for and Do … While repetition statements to execute statements in a program repeatedly	Face-to-Face	Face-to-Face	Lecture, In-class Questions
12	K3,S1,C1	-Perform multiple selection using switch selection statement	Face-to-Face	Face-to-Face	Lecture, In-class Questions
13	K1, K2	-Use the break and continue program-control statement -Using Functions Search and sort arrays	Face-to-Face	Face-to-Face	Lecture, In-class Questions
14	K1, K2	-Pass information between functions	Face-to-Face	Face-to-Face	Lecture, In-class Questions
Final Exams					

*Teaching procedures: (Face-to-Face, synchronous, asynchronous). ** Teaching methods: (Lecture, video….).
*** Reference: (Pages of the book, recorded lecture, video….)

Eighth: Assessment Methods

Methods	Online Learning	Blended Learning	Face-To-Face Learning	Specific Course Output to be assessed **If any CILO will not be assessed in the course, mark NA.							
				K1	K2	K3	K4	S1	S2	C1	C2
First Exam											
Second Exam											
Mid-term Exam			20	✓	✓	✓	✓	✓	✓		
Participation			10							✓	✓
Asynchronous Activities											
Quizzes			20			✓	✓				
Assignments											
Group presentation											
Final Exam			50	✓	✓	✓	✓	✓	✓		
Total out of 100			100								

Ninth: Course Policies

- All course policies are applied to all teaching patterns (online, blended, and face-to-face Learning) as follows:
  a. Punctuality.
  b. Participation and interaction.
  c. Attendance and exams.
- Academic integrity: (cheating and plagiarism are prohibited).

Approval	Name	Date	Signature
Head of Department	Dr. Mohammad Rasmi AL-Mousa		
Faculty Dean	Dr. Mohammad Hassan		