Academic Program Specification Form For The Academic

Universitiy: University of Baghdad
College : Al- Khawarzmi College of engineering
Number Of Departments In The College : 5
Date Of Form Completion : 2024

Dean's Name

Date :   /   /

Signature

Dean's Assistant For Scientific Affairs

Date :   /   /
Signature

The College Quality Assurance And University Performance Manager
Date :   /   /
Signature

Quality Assurance And University Performance Manager
Date :   /   /
Signature

TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution	University of Baghdad/Al_Khwarizmi College of Engineering
2. University Department/Centre	Information and Communication Engineering
3. Programme Title	Web Design & Development
4. Title of Final Award	BSc degree in Information and Communication Engineering
5. Modes of Attendance offered	attendance is mandatory according to the university rules
6. Accreditation	Abet
7. Other external influences	
8. Date of production/revision of this specification	2024

9. Aims of the Programme
a. Covers both the concepts and the practice of the entire scope of web development.   **b.** Focused on the web development reality of today's world and in anticipation of future trends.   **c.** Sophisticated, realistic, and engaging case studies   **d.** Essential coverage of a modern Internet development platform..

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A- Knowledge and Understanding

At the completion of the course, students will be able to…

- · A1. What is the internet, what are the servers, server farm, data centers.
- · A2. Foundational client-side knowledge, Peer to Peer networks and web-based applications
- · A3. Understanding the client side programs and server side programs.

A4. Ability to understand and use the html and html5 and css and css3.

B. Subject-specific skills

n addition to the measurable student learning outcomes listed above, students enrolled in web design and development Course will be required to demonstrate their more in-depth knowledge of the course material by

B1. Study Real examples and solving additional, more challenging exam problems.

Teaching and Learning Methods

Assessment methods

homework 10%

quizzes - 10%

midterm -20%

final - 60%

C. Thinking Skills

C1. Ability to identify the requirements of any web-based systems.

C2. Ability to Design and implement different web pages of any system..

Teaching and Learning Methods
Classroom assignments and homework Practical activities
Assessment methods

D. General and Transferable Skills (other skills relevant to employability and personal development) D1. Learn the HTML, CSS, notepad++. D2. Ability to design and conduct web pages.
Teaching and Learning Methods
Assessment Methods

11. Programme Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
2nd year		Web Design & Development		Bachelor Degree Requires (3) credits

13. Personal Development Planning
14. Admission criteria .
15. Key sources of information about the programme

Curriculum Skills Map															
where individual Programme Learning Outcomes are being assessed															
Programme Learning Outcomes															
Knowledge and understanding				Subject-specific skills				Thinking Skills				General and Transferable Skills (or) Other skills relevant to employability and personal development			
	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4

TEMPLATE FOR COURSE SPECIFICATION

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and   demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

1. Teaching Institution	
2. University Department/Centre	University of Baghdad/Al_Khwarizmi College of Engineering
3. Course title/code	Web Design & Development
4. Modes of Attendance offered	class attendance
5. Semester/Year	2nd semester- 2nd year
6. Number of hours tuition (total)	45
7. Date of production/revision of this specification	
8. Aims of the Course	

- **a.** Covers both the concepts and the practice of the entire scope of web development.
- **b.** Focused on the web development reality of today's world and in anticipation of future trends.
- **c.** Sophisticated, realistic, and engaging case studies
- **d.** Essential coverage of a modern Internet development platform.

9. Learning Outcomes, Teaching ,Learning and Assessment Methode

B- Knowledge and Understanding

At the completion of the course, students will be able to…

- · A1. What is the internet, what are the servers, server farm, data centers.
- · A2. Foundational client-side knowledge, Peer to Peer networks and web-based applications
- · A3. Understanding the client side programs and server side programs.

 A4. Ability to understand and use the html and html5 and css and css3.

B. Subject-specific skills

In addition to the measurable student learning outcomes listed above, students enrolled in web design and development Course will be required to demonstrate their more in-depth knowledge of the course material by

 B1. Study Real examples and solving additional, more challenging exam problems.

Teaching and Learning Methods

Assessment methods

C. Thinking Skills
 C1. Ability to identify the requirements of any web-based systems.
 C2. Ability to Design and implement different web pages of any system..

Teaching and Learning Methods

Assessment methods

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

D1. Learn the HTML, CSS, notepad++.

D2. Ability to design and conduct web pages.

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11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	3	Definitions and History · A Short History of the Internet · The Birth of the Web · Web Applications in Comparison to Desktop Applications · Static Websites versus Dynamic Websites · Web 2.0 and Beyond	Introduction	Classroom with whiteboard	Quizzes
2	3	Internet Protocols · A Layered Architecture · Link Layer · Internet Layer · Transport Layer · Application Layer	Internet Protocols	Classroom with whiteboard	Quizzes
3	3	Internet Protocols · A Layered Architecture · Link Layer · Internet Layer · Transport Layer · Application Layer	Internet Protocols	Classroom with whiteboard	Quizzes
4	3	The Client-Server Model · The Client	The Client-Server Model	Classroom with whiteboard	Quizzes

		· The Server			
		· The Request-Response Loop			
		· The Peer-to-Peer Alternative			
		· Server Types			
		· Real-World Server Installations			
5	3	Where Is the Internet? · From the Computer to the Local Provider · From the Local Provider to the Ocean's Edge · Across the Oceans	Where Is the Internet?	Classroom with whiteboard	Quizzes
6	3	Domain Name System · Name Levels · Name Registration · Address Resolution	Domain Name System	Classroom with whiteboard	Quizzes
7	3	Uniform Resource Locators · Protocol · Domain · Port · Path · Query String · Fragment	Uniform Resource Locators	Classroom with whiteboard	Quizzes
8	3	Hypertext Transfer Protocol · Headers · Request Methods · Response Codes	Hyperte xt Transfer Protocol	Classroom with whiteboard	Quizzes
9	3	Web Servers · Operating Systems · Web Server Software · Database Software · Scripting Software	Web Servers	Classroom with whiteboard	Quizzes
10	3	· **Midterm Exam**	· **Midter m Exam**		
11	3	HTML Syntax · Elements and Attributes · Nesting HTML Elements · Semantic Markup · Structure of HTML Documents · DOCTYPE · Head and Body · Quick Tour of HTML Elements …..	HTML	Classroom with whiteboard	Quizzes
12	3	· Structure · Text · Lists · **CSS Syntax** · CSS Text Styling	HTML & CSS	Classroom with whiteboard	Quizzes
13	3	· Links · Images	HTML	Classroom with whiteboard	Quizzes

		· Tables			
14	**3**	· Forms · Extra Markup · Flash, Video & Audio	FORMS	Classroom with whiteboard	Quizzes
15	**3**	HTML5 Semantic Structure Elements · Articles and Sections · Figure and Figure Captions · General Review	HTML and HTML5	Classroom with whiteboard	Quizzes

12. The development of the curriculum plan

11. Infrastructure	
1. Books Required reading:	Text book 1 : Fundamental of web developments by Randy Connolly and Ricardo Hoar Other1 :HTML design and Build Website by JON DUCKETT
2. Main references (sources)	Text book 1 : Fundamental of web developments by Randy Connolly and Ricardo Hoar

A- Recommended books and references (scientific journals, reports…).	NotePad++ , Sublime, Explorer
B-Electronic references, Internet sites…	