Module (Course Syllabus) Catalogue

2023-2024

College /Institute	Khabat Technical Institute	
Department	IT	
Module Name	Web Design	
Module Code	WED204	
Semester	2nd	
Credits	7	
Module Type	Prerequisite ☐ Core ■ Assist. ☐	
Weekly hours	5	
Weekly hours (Theory)	(2)hr class	()hr workload
Weekly hours (Practical)	(3)hr class	()hr workload
Lecturer (Theory)	Srood Jalal Othman	
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Lecturer (Practical)	Hemin Rashad Qadir	
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Course Description	This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets) and JavaScript. Throughout the course students are introduced to planning and designing effective web pages; implementing web pages by writing HTML, CSS code, JavaScript code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images and image sliders; and producing a functional, multi-page website.
Course Objectives	- A basic understanding of how the Internet and the world wide web function. - Recognize and understand HTML web page elements. - Know how to write HTML code. - Understand and apply effective web design principles. - Enhance web pages using text formatting, color, graphics, and images. - Enhance web pages using JavaScript code. - Understand and apply CSS to format web page elements. - Understand and apply JavaScript code to enhance web page contents and format. - Plan and design a multi-page web site.
Student's Obligation	In this section the lecturer shall write the role of students and their obligations throughout the academic year, for example the attendance and completion of all tests, exams, assignments, reports, essays…. etc.
Required Learning Materials	Use PowerPoint, Data show, and white board to explain lectures.
Assessment scheme	Homework: 10 Report and seminar: 14 Quiz:4 Mid Term Exam: 16 Class Activity: 2 Lap Activity: 14 Final Exam: 40
Specific Learning Outcome:	Design web pages by using HTML, CSS3 and Java Script. Enhance web pages using text formatting, color, graphics, images and ..etc. Enhance web pages using JavaScript code. Plan and design a multi-page website.

Course References:	1. **Build Your Own Web Site The Right Way Using HTML & CSS, 3rd edition, by IAN LLOYD.** 2. **www.w3schools.com.**

Course Topics (Theoretical + Practical)	Week	Learning Outcome
Course overview and Introduction	**1**	
HTML- Basics. Elements, Tags, Attributes, Text Formatting	**2**	
Images, links, Lists. Ordered, unordered and definition lists.	**3**	
Tables	**4**	
CSS and DIV	**5-6**	
Navigation	**7-8**	
Forms	**9-10**	
Java Script	**11-12**	

Examinations and Answering:

Q1/ Choose the correct answers to fill the follow blanks.

1) …………… describes how HTML elements are to be displayed on screen, paper, or in other media.

      a- attribute   b- element   c- tag   d- not given

2) …………… is defined in the <head> section of an HTML page, within a <style> element.

      a- inline CSS   b- internal CSS   c- external CSS   d- not given

3) The …………… element contains the visible page content.

      a- head   b- title   c- body   d- not given

4) …………… Opens the linked document in the same window/tab.

      a- _self   b- _blank   c- top   d- not give

5) Each list items starts with …………… tag.

      a- li   b- ol   c- ul   d- not give

Q2) write the principles of good Web Design   (only five points).

Q3) What does these properties do in HTML?
   a) cellspacing
   b) src
   c) float
   d) margin

Q4-a/ Write the output of the following HTML code.

```
<body>
<"table width="300" height="150" border="1" cellspacing="0>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<tr/>
<tr>
<td>D</td>
<td colspan="2">E</td>
<tr/>
<tr>
<td>F</td>
<td colspan="2">G</td>
<tr/>
<table/>
<body/>
```

Q4-b/ Write the output of the following HTML code.
```
<head>
<style type="text/css">
.d{width:80px ; height:80px ; border:1px dashed black ; transform: rotate(45deg) ; float:left
; margin:20px 30px 0 0}
</style>
</head>


<body>
<div class="d">1</div>
<div class="d">2</div>
<div class="d">3</div>
<div class="d">4</div>
</body>
```


Answering
Q1)
1) d (not given)
2) b (internal CSS)
3) c (body)
4) a (self)
5) a (li)

Q2) Principles of good Web Design
Visitor-centric, clear purpose.   .1
Progressive disclosure. .2
Displays quickly. .3
Browser compatible. .4
Intuitive navigation. .5
Spelling, grammar, writing. .6
Secure (ecommerce). .7
Attractive design, easy to read. .8
Cultural bias? (Regional? Domestic? International?) .9
No technical problems (broken links, buggy scripts)..10
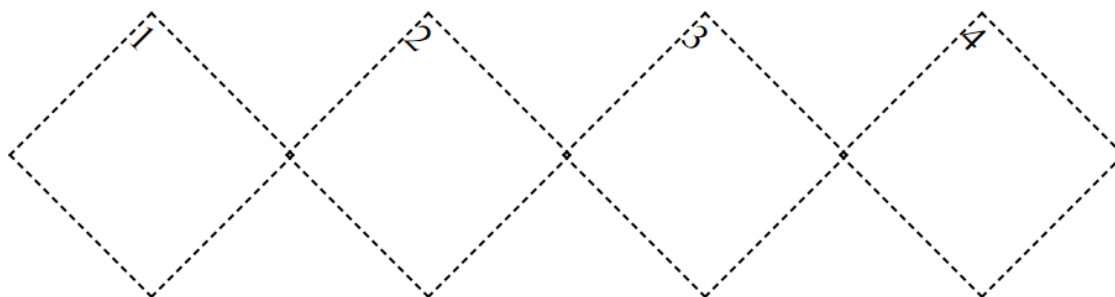Maintainable (separate content from style)..11

Q3) What does these properties do in HTML?

cellspacing: set a spacing between table cells. (1
src: specify a URI for an external file or resource. (2
float: places an element on the left or right side of its container. (3
margin: defines the space around an HTML element. (4

Q4-a)

A	B	C
D	E	
F	G	

Q4-b)

Extra Notes:

External Evaluator