

Short Title:	Web Development 2 APPROVED
Full Title:	Web Development 2
Module Code:	DMED H1018
ECTS credits:	5
NFQ Level:	6
Module Delivered in	3 programme(s)
Module Contributor:	Nicola Duffy
Module Description:	The aims of this module are to: • Develop the students' understanding of the technologies and processes involved in website development • Advance the development of the students' practical web authoring skills, including controlling the presentation of webpages and forms • Develop the students' knowledge of current web standards
Learning Outcomes:	
<i>On successful completion of this module the learner will be able to</i>	
<ol style="list-style-type: none"> 1. Describe and demonstrate practices for controlling the presentation of web pages 2. Describe and implement different strategies for controlling the layout of web pages 3. Demonstrate how to design, implement, style and validate HTML forms 	

Module Content & Assessment

Indicative Content

HTML Structural Markup

• HTML5 tags (header, footer, aside, nav etc.) • Block and inline elements • Generic elements (divs and span)

CSS

• Divs, IDs, Classes • The box model (width, padding, border and margin)

Navigation

• Pseudo-classes • Styling navigation bars • Using image sprites

Controlling Layout with CSS

• Normal flow • Floating • Positioning (fixed, relative, absolute, contextual) • Page layouts strategies • Fixed and fluid layouts • Multi-columnar layouts • Templates for pages layout

HTML Forms

• Using forms for data input • The form element • POST and GET • Form controls (text fields, buttons, menus)

Indicative Assessment Breakdown

%

Course Work Assessment %

100.00%

Course Work Assessment %

Assessment Type	Assessment Description	Outcome addressed	% of total	Assessment Date
Lab work	Weekly lab sheets, based on the content of the lectures	1,2,3	10.00	n/a
In-class test	n/a	1,2,3	15.00	n/a
Project	Develop a website which demonstrates key elements from the module content	1,2,3	75.00	n/a

No Final Exam Assessment %

Indicative Reassessment Requirement

Repeat examination

Reassessment of this module will consist of a repeat examination. It is possible that there will also be a requirement to be reassessed in a coursework element.

Reassessment Description

practical examination

ITB reserves the right to alter the nature and timings of assessment

Indicative Module Workload & Resources

Indicative Workload: Full Time

Frequency	Indicative Average Weekly Learner Workload
Every Week	30.00
Every Week	30.00
Every Week	40.00

Resources

Recommended Book Resources

Jennifer Niederst Robbins, *Learning Web Design*, O'Reilly Media [ISBN: 1-4493-1927-0]

Supplementary Book Resources

Mike McGrath, *HTML5 In Easy Steps*, In Easy Steps [ISBN: 1-84078-425-1]

Mike McGrath, *CSS3 In Easy Steps*, 2013 Ed., In Easy Steps [ISBN: 1-84078-541-8]

This module does not have any article/paper resources

Other Resources

Website: *Internet resource*

<http://www.codeacademy.com/tracks/web>

Website: *Internet resource*

<http://www.w3schools.com>

Website: *Internet resource*

<http://htmldog.com>

Website: *Internet resource*

<http://www.webmonkey.com/tutorials>

Module Delivered in

Programme Code	Programme	Semester	Delivery
BN_DDME8_8	Bachelor of Arts (Honours) in Creative Digital Media [240 ECTS credits]	2	Mandatory
BN_DDME8_7	Bachelor of Arts in Creative Digital Media [180 ECTS credits]	2	Mandatory
BN_DDME8_XWC	Certificate in Creative Web Communication [Level 6 30 ECTS credits]	1	Mandatory