

Module Documentation



INFO07019

Web Technology

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INFO07019 Web Technology

Short Title	Web Technology
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Full Title	Web Technology
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Attendance	N/A	Discipline	482 COMPUTER USE (INFO TECH)
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Coordinator	Clare OConnor	Department	Business
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Official Code	INFO07019	NFQ Level	07	ECTS Credit	05
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Module Description

This module provides an insight into the web design and development process in a business environment.

Learning Outcomes

On completion of this module the learner will/should be able to

1. Develop CSS rich websites incorporating multimedia elements
2. Prepare multimedia elements for the web
3. Create designs that meet client requirements
4. Implement reusable designs
5. Design for multiple screens
6. Conduct technical and usability tests
7. Publish, present and promote a website

Teaching and Learning Strategies

Teaching and learning methods will involve a combination of lectures and practical classes

Assessment Strategies

Students will undertake a group project to apply the theory of the module. The project will measure students ability to apply the material and work as part of a team. Lab assessments may be used to evaluate ability to use authoring tools

The assessment strategy will be reviewed on an on-going basis with the external examiner.

Repeat Assessment Procedures

2 hour lab-based exam

Module Dependencies

Prerequisite Modules

None

Corequisite Modules

None

Incompatible Modules

None

Indicative Syllabus

Course Content

Use HTML tags to set up an HTML document

Set and modify document properties.

Organize web page layout with relative and absolutely positioned div tags and CSS styles.

Modify text and text properties.

Modify images and image properties.

Create web page templates.

Use CSS to implement a reusable design.

Add head content to make a web page visible to search engines.

Technical and usability tests

Manage assets, links, and files for a site.

Publish and update site files to a remote server.

CourseWork / Assessment Breakdown

CourseWork / Continuous Assessment	100 %
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Coursework Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
Continuous Assessment	1,2,3,4,5,6,7	100	OnGoing

End Exam Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
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ACCS Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Open Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Distance Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Part Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Full Time Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
Laboratory Practical	Computer Laboratory	Laboratory Practical	3	Weekly	3.00

Total Average Weekly Learner Workload 3.00 Hours

Online Learning Mode Workload

Type	Location	Description	Hours	Frequency	Avg Wkly Wrkld
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Total Average Weekly Learner Workload 0.00 Hours

Module Resources

Module Book Resources

None

Module Alternate Book Resources

None

Module Other Resources

None

Module URLs

www.w3schools.com

www.adobe.com Digital Design: Foundations of Web Design

www.webstyleguide.com

Additional Information

None

ISBN BookList

Book Details

video2brain 2012 *Adobe Dreamweaver CS6: Learn by Video: Core Training in Web Communication* Peachpit Press

ISBN-10 0321840372 ISBN-13 9780321840370

Adobe Creative Team 2012 *Adobe Dreamweaver CS6 Classroom in a Book* Adobe Press

ISBN-10 0321822455 ISBN-13 9780321822451

Adobe Creative Team 2012 *Adobe Photoshop CS6 Classroom in a Book* Adobe Press

ISBN-10 0321827333 ISBN-13 9780321827333

Wendy Willard 2010 *Web Design: A Beginner's Guide Second Edition* McGraw-Hill Osborne Media

ISBN-10 0071701346 ISBN-13 9780071701341

Nigel Chapman 2007 *Digital Media Tools* Wiley

ISBN-10 0470012277 ISBN-13 9780470012277

Approval Information

School Approval by Carmel Brennan on 27-03-2015

Academic Council on 01-04-2015

Programme Membership

Code	Intake Year	Programme Title
GA_BBISG_H08	201500	Bachelor of Science (Honours) in Business Information Systems
GA_BBISG_B07	201500	Bachelor of Science in Business Information Systems