

Module Documentation



INFO07020

Internet Technology

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INFO07020

Internet Technology

Short Title	Internet Technology		
Full Title	Internet Technology		
Attendance	N/A	Discipline	482 COMPUTER USE (INFO TECH)
Coordinator	Clare OConnor	Department	Business
Official Code	INFO07020	NFQ Level	07
		ECTS Credit	05

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. Identify basic principles of website usability, readability, and accessibility.
2. Produce flowcharts, storyboards, and wireframes to create web pages and a site map that maintain the planned website hierarchy.
3. Describe page layout design concepts and principles
4. Develop a website using a mark-up language applying basic planning procedures
5. Create and manage a website incorporating images using appropriate graphical and web development tools
6. Apply design aspects such as colour theory, layout, contrast and composition
7. Evaluate web based application designs
8. Relate and justify design decisions to theory and best practices

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

Hypertext Markup Language.

Set project requirements

Plan site design and page layout

Create Wireframes

Set up a local root folder and site structure

Add content

Organize and modify content

Create, modify and troubleshoot Cascading Style Sheets

Link web content, using hyperlinks, e-mail links, and named anchors.

Insert navigation bars, rollover images, and buttons created in a drawing program

Build image maps.

Create forms.

Manipulate images and create bitmap graphics

Create vector graphics

Evaluate and maintain a site

CourseWork / Assessment Breakdown

CourseWork / Continuous Assessment	100 %
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Coursework Assessment Breakdown

Description	Outcome Assessed	% of Total	Assessment Week
Continuous assessment	1,2,3,4,5,6,7,8	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

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

www.w3schools.com

www.webstyleguide.com

Additional Information

None

ISBN BookList

Book Details

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

ISBN-10 0071701346 ISBN-13 9780071701341

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

Jeremy Osborn 2012 *Adobe Dreamweaver CS6 Digital Classroom* Wiley

ISBN-10 111812409X ISBN-13 9781118124093

Approval Information

School Approval by Carmel Brennan on 01-04-2015

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_BMASG_H08	201500	Bachelor of Business (Honours) in Marketing and Sales
GA_BMASG_B07	201500	Bachelor of Business in Marketing and Sales
GA_BBISG_B07	201500	Bachelor of Science in Business Information Systems