Module Title **Intranet Systems Development** **Keywords** Internet, Intranet, Extranet, World Wide Web, Web Programming, HTML, Style Sheets, PHP, http, Apache	Reference CMM007 SCQF SCQF Level 11 SCQF Points 15 ECTS Points 7.5 Created May 2002 Approved April 2005 Amended September 2012 Version No. 4

This Version is No Longer Current

The latest version of this module is available <u>here</u>

Prerequisites for Module

None.

Corequisite Modules

None.

Precluded Modules

None.

Aims of Module

To introduce and explore the key concepts of intranet systems development. To develop the student's skill in the practical design, development and management of intranet systems.

Mode of Delivery

Key concepts are introduced and illustrated through the medium of lectures. Laboratory sessions provide a series of exercises designed to develop proficiency in techniques essential to the development of intranet systems.

Assessment Plan

	Learning Outcomes Assessed
Component 1	1,2,3,4
Component 2	1,2,3,4

Component 2 - The coursework will take the form of an assessed laboratory in which the student will design and code a web-based system.

Component 1 - This is a closed book examination.

Indicative Bibliography

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

1. Design and implement dynamic WWW pages appropriate to a given objective.
2. Manage the development and maintenance of intranet systems.
3. Develop server-side applications.
4. Demonstrate familiarity with the main Internet application types.

Indicative Module Content

HTML, CSS2, HTML forms, PHP, databases, web hosting.

Indicative Student Workload

Contact Hours   Full Time

Assessment	8
Laboratories	24
Lectures	24

Directed Study

1. DUCKETT,J. 2011. HTML and CSS: Design and Build Websites. John Wiley & Sons.
2. DUCKETT, J. 2014. JavaScript and JQuery: Interactive Front-End Web Development. Wiley Publishing. Chicago.
3. KRAUSE, J. 2017. Introducing Web Development. Springer
4. DARLINGTON, K. 2005. Effective Website Development: Tools and Techniques
5. World Wide Web Consortium, Web Design and Applications, http://www.w3.org/standards/webdesign/

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