

Module Title:	Web and Database Fundamentals - Semester 1
Academic year:	2009 – 2010
Credit Value:	5 – Mandatory
Pre- requisites:	None
Assessment:	100% Practical Examination
Aims	<p>To communicate a knowledge and understanding of the basic concepts of relational databases and web sites</p> <p>To demonstrate the use of a standard database package</p> <p>To demonstrate the use of a HTML editor for visually designing and managing Web sites and pages</p> <p>To demonstrate the development of web pages with tables, frames, links, images and templates</p> <p>To demonstrate the development of database applications with multiple tables, forms, queries, reports and relations</p>
Module Content	<ul style="list-style-type: none"> • Introduction to Web Design and Development • Introduction to Databases
Intended Learning Outcomes:	<p>Having successfully completed this module, the student will be able to:</p> <ol style="list-style-type: none"> 1. Explain the basic principles of web page design and creation 2. Describe and apply the fundamental concepts databases 3. Demonstrate proficiency in the development of a web site 4. Demonstrate proficiency in the development of a database