

Module Title:	Systems Analysis 2 – Semester 2
Academic year:	2009 – 2010
Credit Value:	5 – Mandatory
Pre- requisites:	Systems Analysis 1
Assessment:	60% Final Examination, 40% Practical
Aims	<p>To deliver a broad and effective introduction to industry and academic practice in the area of object oriented systems analysis and design.</p> <p>The module is intended for those with no previous experience in object oriented software, and exposes learners to some modern object oriented techniques.</p> <p>To complement programming skills, by giving learners the vocabulary with which to articulate program architecture</p> <p>To allow learners to work in a team environment, in order to encourage task allocation and responsibility.</p>
Module Content	<ul style="list-style-type: none"> • Emergence of the Object – Orientated Approach • Object Orientated Concepts • Class Discovery • Class Responsibility
Intended Learning Outcomes:	<p>Having successfully completed this module, the student will be able to:</p> <ul style="list-style-type: none"> • Describe the object oriented and process driven approaches to software design • Identify a set of classes in a business domain which will enable the realisation of software requirements in that domain. • Contribute within a team structure to identify the responsibilities of each class. • Represent those classes on a UML diagram.