

Faculty	Economic and Management Sciences		
Home Department	Information Systems		
Module Topic	Business Information Systems		
Generic Module Name	Business Information Systems 244		
Alpha-numeric Code	IFS244		
NQF Level	6		
NQF Credit Value	20		
Duration	Semester		
Proposed semester to be offered	Second Semester		
Programmes in which module will be offered	BCom IS (1033)		
Year Level	2		
Main Outcomes	<p>On completion of this module, a student should be able to:</p> <ul style="list-style-type: none"> • Fully explore and apply the HTML5 technology stack on the client side. • Understand the principles and application of Object Orientated Programming (OOP) on the client side. • Understand the process and architecture of linking the client side to the server side in networked applications. • Understand the application of OOP and a query language to server-side relational database driven applications. • Understand the application of client-server architecture to business information systems and their management. 		
Main Content	<ul style="list-style-type: none"> • Client-server network applications • The principles and application of OOP • Production of a client-server business information application • System architecture and management of business information systems for commerce • The value of data to commerce in the 21st century 		
Pre-requisite modules	IFS242		
Co-requisite modules	None		
Prohibited module Combinations	None		
Breakdown of Learning Time	Hours	Timetable Requirement per week	Other teaching modes that does not require time-table
Contact with lecturer/ tutor:	36	<i>Lectures p.w.</i>	3
Assignments & tasks:	70	<i>Practicals p.w.</i>	1
Practicals:	9	<i>Tutorials p.w.</i>	1
Assessment:	10		
Self-study:	75		
Other: Please specify	0		
Total Learning Time	200		
Methods of Student Assessment	Continuous Assessment (CA): 100% Final Assessment (FA): 0%		
Assessment Module type	Continuous Assessment (CA)		