

Module 12

6.12.1. Integrated Accounting Systems

Module title						Integrated Accounting Systems					
Module NFQ level (only if an NFQ level can be demonstrated)						7					
Module number/reference						AT12					
Parent programme(s)						Bachelor of Arts (Honours) in Accounting and Finance					
Stage of parent programme						Stage Two					
Semester (semester1/semester2 if applicable)						Semester 2					
Module credit units						ECTS					
Module credit number of units						10					
Duration of the module						One Academic Semester, 12 Weeks Teaching.					
Average (over the duration of the module) of the contact hours per week (see * below)						6					
Analysis of required learning effort											
Effort while in contact with staff											
Classroom and demonstrations		Mentoring and small-group tutoring		Other (Computer Lab)		Directed e-learning (hours)	Independent learning (hours)	Other hours (specify)	Work-based learning hours of learning effort	Total effort (hours)	
Hours	Minimum ratio teacher/learner	Hours	Minimum ratio teacher/learner	Hours	Minimum ratio teacher/learner						
24	1:40	24	1:20	24	1:20		178				250
Allocation of marks (within the module)											
				Continuous assessment		Supervised project	Proctored practical examination	Proctored written examination	Total		
Percentage contribution				50%			50%		100%		

Minimum intended module learning outcomes

On the successful completion of this module, students should be able to:

- MIMLO 12.1** Explain and discuss the basic features of integrated accounting systems and the functions they perform in businesses of all sizes.
- MIMLO 12.2** Describe and explain the operating environments associated with computerised accounting systems, and the relationships between front-end interfaces and back-end databases.
- MIMLO 12.3** Recognise and critically assess the ways in which emerging technologies – such as online accounting solutions - influence the design and use of accounting systems in today's businesses.
- MIMLO 12.4** Enter, manipulate, and interpret basic accounting data, and create and interpret reports, using accounting software (i.e. Sage).

Module content, organisation and structure

Indicative syllabus:

- General Systems Theory and its application to the analysis and design of Accounting Information System.
- Risks associated with processing accounting information. The design of effective control and security mechanisms.
- Critique of traditional accounting systems
- Accounting packages. Determining users' information needs.
- Evaluation of accounting packages.
- Design, installation and operation of computerised accounting information systems.
- Emerging influences on the design of computerised accounting information systems, for example, relational databases, ERP's, the Internet and web based AIS

Reading lists and other information resources

Recommended Reading:

Title	Author	Publisher	Year
Essential:			
Sage 50 Manual		Sage	2017
Management Information Systems	Laudon, J and Laudon, K	Pearson Publishing	2016
Essentials of Business Information Systems	Laudon, J and Laudon, K	Pearson Publishing	2016
Recommended			
Business Information Systems 2nd Edition	Chaffey, Bocij, Greasley and Hickie	Prentice Hall	2004