

Module: Enterprise Systems 261

Module name:	Enterprise Systems 261
Code:	ERP261
NQF level:	6
Type:	Core – Diploma in Information Technology (all stream)
Contact Time:	16 hours
Structured time:	4 hours
Self-directed time:	20 hours
Notional hours:	40 hours
Credits:	4
Prerequisites:	None

Purpose

This module is a bridge between the student's qualifications and the skill sets employer's demand. The module is designed to introduce students to the professional and technical skills necessary to pursue a career as an entry-level ERP Implementation Consultant, Project Manager or Sales Associate.

Outcomes

Upon successful completion of this module, the student will be able to:

- Demonstrate detailed knowledge of the main areas of Enterprise Resource Planning systems and an understanding of and the ability to apply the key terms, concepts, principles, and rules thereof, to unfamiliar but relevant contexts; and knowledge of specified software systems and how that knowledge relates to other fields.
- Evaluate, select and apply appropriate procedures, or techniques in the application processes within project management.
- Identify, analyse and solve problems in unfamiliar contexts, gathering evidence and applying solutions based on evidence and procedures appropriate to various processes that form part of the Enterprise Resource Planning system and to formulate explanations of each function.

Assessment

Assessment is performed using a variety of instruments:

- Continuous evaluation of theoretical work through a written assignment and a summative test.
- Final assessment through an examination.
- The assignments or projects collectively will count 30% of your class mark.
- All tests will collectively account for 70% of your class mark.
- Your class mark contributes 30% towards your final mark for the subject, while the final assessment accounts for 70% of your final mark.

Teaching and Learning

Learning materials

Prescribed books (EBSCO)

-  **Andreas Vogel, I. K. (2013).** Mysap ERP for Dummies. *John Wiley & Sons Ltd.*
-  **O'Leary, D. E. (2000).** Enterprise Resource Planning Systems. *Cambridge University Press.*

Learning activities

Learning will be facilitated by the lecturer with student centred activities that involve problem-based learning where pupils are presented with challenges that replicate the situation in the real-world environment. This will be achieved through a combination between presentation of theoretical concepts, guided exercises, group work and discussions together with one mandatory assignment to be completed during the module.

Notional learning hours

Activity	Units	Contact Time	Structured Time	Self-Directed Time
Lecture		14.0		6.0
Formative feedback		2.0		
Project				
Assignment	1			3.0
Test	1		2.0	5.0
Exam	1		2.0	6.0
		16.0	4.0	20.0

Syllabus

- Introduction to Enterprise Resource Planning Systems
- Introduction to Enterprise Resource Planning Architectures
- Introduction to Project Management
- Introduction to Business Process Re-Engineering
- Financial Planning Processes
- Business Concepts