

## Module: Enterprise Systems 271

<b>Module name:</b>	Enterprise Systems 271
<b>Code:</b>	ERP271
<b>NQF level:</b>	6
<b>Type:</b>	Core – Bachelor of Information Technology
<b>Contact Time:</b>	30 hours
<b>Structured time:</b>	6 hours
<b>Self-directed time:</b>	34 hours
<b>Notional hours:</b>	70 hours
<b>Credits:</b>	7
<b>Prerequisites:</b>	None

### Purpose

This module is a bridge between the student's qualifications and the skill sets employers 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

- Continuous evaluation of theoretical work through a formative, and a summative test.
- Continuous evaluation of project work.
- Final assessment through a written examination.

## Teaching and Learning


### Learning materials

#### *Prescribed Book*

Enterprise Systems, (2018), IT without frontiers.

#### *Additional Material*

 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

The teaching approach will focus on a collaborative model which to integrate theory and practical into the daily lessons. The module will consist of one mandatory project which must be completed during the module.

### Notional learning hours

Activity	Units	Contact Time	Structured Time	Self-Directed Time
Lecture		27.0		13.0
Formative feedback		3.0		
Project				
Assignment	1			3.0
Test	2		4.0	8.0
Exam	1		2.0	7.0
		<b>30.0</b>	<b>6.0</b>	<b>34.0</b>

### Syllabus

- Introduction to Enterprise Resource Planning Systems
- Introduction to Enterprise Resource Planning Architectures
- Introduction to Project Management
- Introduction to Business Process Re-Engineering
- Introduction to Cloud Suite Industrial Fundamentals
- Quote to Cash Processes
- Procure to Pay Processes
- Demand to Build Job Order Processes
- Financial Planning Processes
- Business Concepts