

ICT226 Enterprise Systems and Integrated Business Process

Level: 2

Credit Units: 5 Credit Units

Language: ENGLISH

Presentation Pattern: EVERY REGULAR SEMESTER

Synopsis:

ICT226 Enterprise Systems and Integrated Business Process, gives an overview of key information systems applications in enterprises, with a focus on Enterprise Resource Planning (ERP) systems. It examines the silo effects in the traditional business organizations. By introducing enterprise systems, it explains how IT technologies support end-to-end business processes by integrating necessary business functions in one integrated process. It also explains key business processes in detail, which includes Procurement, Accounting and Fulfillment, using the SAP ERP system as a model. Students will also learn ERP through a business simulation game that bears the importance of integrated business process.

Topics:

- Overview of Manage Information Systems
- Business Functions in a Business Organisation
- SAP Enterprise Resource Planning System
- Organizational and Master Data
- The fulfillment business process in ERP
- The procurement business process in ERP
- The accounting business process in ERP
- Collaboration and Social Media
- Process integration in Enterprise Resource Planning
- Business Simulation Game

Textbooks:

ICT226 Study Guide

ISBN-13: SG-1518

Processes, systems, and information : an introduction to MIS 2nd Earl H McKinney, Jr.; David M Kroenke Pearson

ISBN-13: 9781292070537

Learning Outcome:

- Describe business functions in business organisations
- Review management information systems
- Apply key ICT applications in enterprise systems
- Illustrate the business processes in enterprise resource planning (ERP)
- Examine how social media can increase collaborative work
- Develop key business processes required for business workflow
- Construct business processes from case studies
- Develop strategies and review their effectiveness in an ERP simulation game

Assessment Strategies - Regular Semester (Evening Class):

Components	Description	Weightage Allocation (%)
Overall Continuous Assessment	PRE-CLASS QUIZ 1	2
	PRE-CLASS QUIZ 2	2
	PRE-CLASS QUIZ 3	2
	QUIZ 1	6
	TUTOR-MARKED ASSIGNMENT 1	18
Overall Examinable Components	ECA	70
Total		100

*The information listed is subject to review and change.