

# ICT226e Enterprise Systems and Integrated Business Process

**Level:** 2

**Credit Units:** 5 Credit Units

**Language:** ENGLISH

**Presentation Pattern:** EVERY SEMESTER

**E-Learning:** BLENDED - Learning is done MAINLY online using interactive study materials in Canvas. Students receive guidance and support from online instructors via discussion forums and emails. This is supplemented with SOME face-to-face sessions. If the course has an exam component, this will be administered on-campus.

## **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:**

Earl H McKinney, Jr.; David M Kroenke: Processes, systems, and information : an introduction to MIS (eTextbook) 2nd edition Pearson  
ISBN-13: 9781292070537-AA

Earl H McKinney, Jr.; David M Kroenke: Processes, systems, and information : an introduction to MIS (eTextbook) 2nd edition 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:**

<b>Continuous Assessment Component</b>	<b>Weightage (%)</b>
PRE-CLASS QUIZ	2
PRE-CLASS QUIZ	2
PRE-CLASS QUIZ	2
QUIZ	6
TUTOR-MARKED ASSIGNMENT	18
<b>Sub-Total</b>	<b>30</b>

<b>Examinable Component</b>	<b>Weightage (%)</b>
ECA	70
<b>Sub-Total</b>	<b>70</b>

**Weightage Total** **100**