

# Enquire Teaching Timetable

[Return](#)

## Course Outcome

### DSME 2051 - Business Information Systems

#### Learning Outcome

After completing this course, students are able to:

- (1) Understand the basic concepts of information systems and e-commerce.
- (2) Understand the value of CBIS in business and organization.
- (3) Know how to manage data from both external (e.g. business partners) and internal (e.g. functional units) sources.
- (4) Derive logical design of business applications by using the modeling tools such as ER diagram, Data Flow Diagram, Decision Tree, and Decision Table.
- (5) Apply practical IT skills acquired from their hands-on projects or cases.
- (6) Improve their presentation skill and communication skill.

#### Course Syllabus

This course introduces the conceptual foundations of information systems (IS). The technical aspect of IS and their relevance to business functions will also be covered. We will also examine how IS can be applied to support business operations in organizations. Important topics covered include:

- (1) The fundamentals of computer based information systems(CBIS)
- (2) Types of business information systems such as decision support systems, expert systems and enterprise resources systems
- (3) Telecommunications and networks, including the Internet, intranets, and extranets
- (4) Database management and business intelligence
- (5) System development life cycle
- (6) e-Business and mobile business
- (7) Hands-on training on spreadsheet, database, and web software

#### Assessment Type

	Assessment Type	Current Percent
1	Essay test or exam	0
2	Others	0

#### Feedback for Evaluation

CTE by end of the term

#### Required Readings

- R. Kelly Rainer, Efraim Turban/ John Wiley & Sons, Inc., Introduction to Information Systems: Supporting and Transforming Business
- Ralph M. Stair and George W. Reynolds, Principles of Information Systems, Course Technology
- Simha R. Magal and Jeffrey Word, Essentials of Business Processes and Information Systems, 2009, Wiley

#### Recommended Readings

- Grauer and Barber, Exploring Microsoft Access 2003, Prentice Hall
- Stair and Reynolds, Principles of Information Systems, Thomson Course Technology
- Magazines: PC World, PC Magazine, Bytes, Business Week ... etc