

Course Number: ISM3011

Course Name: Management Information Systems

Course Descriptions: Essentials and management of information systems resources; information systems in the organization; social implications; use and evaluation of common microcomputer software packages.

Course Objectives:

Information technology has fundamentally transformed the way we conduct our personal lives. In business, new information technologies and systems—many of them Internet-related—are integrated into and shape operational, organizational, and competitive activities. While beneficial, these information systems also pose a management challenge to firms large and small. This course surveys the information technologies and systems in business and provides a framework for examining the managerial and strategic changes such systems introduce. Current business information systems, roles of information technology in strategy development and organizational structure, and the management of information systems and resources will be the main topics of the course. At the end of this course, students are expected to be able to:

- Articulate the value of various information and systems to firms;
- Describe key information technologies used in today's businesses, such as databases and business intelligence tools;
- Explain issues related to information systems acquisition, development, operations, and management; and
- Possess the skills and techniques necessary to use a computer for information management in a business environment.

This is *not* a programming or systems analysis course. However, students are expected to acquire essential technical concepts (provided by the lecture portion) and hands-on knowledge (provided by the lab portion) in key information technologies most companies expect from a business graduate.

Prerequisite:

- ISM2000 Information System Fundamentals