

Common Course Outline
CSIT 142
Introduction to MIS
3 Credits

The Community College of Baltimore County

Description

CSIT 142 – Introduction to MIS introduces students to Management Information Systems (MIS) from the business professional's perspective. Students learn how MIS supports organizational strategy, collaboration, competitive advantage, decision making and global commerce. Other topics discussed are systems development, systems management, outsourcing, security and ethical issues.

3 Credits

Prerequisite: CSIT 101 or OFAD 114 or consent of the Program Director

Overall Course Objectives

Upon completion of this course students will be able to:

1. identify the business professional's perspective of Management Information Systems (MIS);
2. explain the interrelationship between business processes and information systems;
3. explain the interrelationship between information systems, competitive advantage, and decision making;
4. discuss how using information technology (hardware, software, data communication, databases and web technologies) supports an organization's mission;
5. discuss how information systems help an organization gain a competitive advantage;
6. differentiate between functional and cross-functional information systems;
7. differentiate between the types of information systems development;
8. illustrate how the Information Technology (IT) department is typically organized;
9. describe the four primary responsibilities of an IT department;
10. identify the sources and types of security threats to an information system;
11. explain how a global economy influences an organization's competitive strategy and ultimately their information system;
12. prepare data safeguards (course of action) to prevent or lessen the impact of security threats or attacks;
13. use information systems for decision making;
14. assess ethical issues as they relate to information systems and determine a solution; and
15. evaluate whether an information system provides a competitive advantage that supports an organization's competitive strategy.

Major Topics

- I. MIS and Business
 - A. Information Systems in Business
 - B. Business Processes
 - C. Information

- D. Information Systems
- E. Organizational Strategy
- F. Competitive Advantage
- II. Using Information Technology Within an Organization
 - A. Hardware and Software
 - B. Databases
 - C. Data Communications
 - D. Web Technologies
- III. Information Systems and Competitive Strategies
 - A. Functional and Cross-Functional Information Systems Within Organizations
 - B. Using Information Systems to Gain a Competitive Advantage
 - C. Using Information Systems for Decision Making
 - D. Data Warehouse and Data Mining
 - E. Knowledge Management
 - F. Business Intelligence
- IV. Information Technology Department
 - A. Organization
 - B. Responsibilities
 - C. Information Systems Development
 - D. Information Systems Management
 - E. Information Systems Security
 - F. Outsourcing
- V. The International Dimension
 - A. Global Economy and Information Systems
 - B. Global Communications

Course Requirements

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following:

- Case Project (minimum of 3- one of which can be the International Case Project)
- International Case Project
- Exams (minimum of two)
- Comprehensive Final Exam

Written Assignments: Students are required to use appropriate academic resources.

Other Course Information

This course is taught in a computerized environment.

A grade of C or better in this course is needed in order to register for any CSIT 200 level courses for which this course is a prerequisite.