

**University of Arkansas – Fort Smith
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General Syllabus

MGMT 23043 Business Information Systems

Credit Hours: 3

Lecture Hours: 3

Laboratory Hours: 0

Prerequisite(s): CPSI 10003 Computer Applications for the Knowledge Worker or MGMT 21043 Basic Business Computing

Effective Catalog: 2023-2024

I. Course Information

A. Catalog Description

Introduces students to the fundamentals of business information systems and the technology requirements to support, enable, and empower business decision processes.

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Analyze how management information systems enable business communications and decision making in a complex global environment.
2. Capture, store, retrieve, analyze and report relevant information to support business decision processes.
3. Integrate hardware, software, content, and technology architectures into systems platforms to meet the business requirements and prepare for business opportunities.
4. Understand the basics and practices of e-commerce for effective marketing and management of a modern business.
5. Utilize data analytics tools and information technologies for business intelligence.
6. Appraise and prepare for IT ethics and security threats in the net environment.
7. Assess the mechanism and the significance of telecommunications, networking, and the Internet.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills - Students will identify problems/issues and develop solutions/analysis.

Analytical Skills

Quantitative Reasoning - Students will assign and use numbers, read and analyze data, create models, draw inferences, and support conclusions based on sound mathematical reasoning.

Ethical Decision Making - Students will model ethical decision-making processes.

III. Major Course Topics

- A. Strategic Use of Management Information Systems
- B. Decision and Processes
- C. Hardware and Software
- D. E-Business
- E. Data and Business Intelligence
- F. Business Analytics
- G. Ethics and Information Security
- H. Networks