

**University of Arkansas – Fort Smith**  
**5210 Grand Avenue**  
**P. O. Box 3649**  
**Fort Smith, AR 72913–3649**  
**479–788–7000**

**General Syllabus**

**MGMT 3913 Decision Support Systems**

Credit Hours: 3

Lecture Hours: 3

Laboratory Hours: 0

Prerequisites: Admission to the College of Business or consent of instructor

Effective Catalog: 2019-2020

**I. Course Information**

**A. Catalog Description**

Integrates the student's business knowledge, skills, and abilities with information technology systems requirements to manage and enable IT systems to support organization business decision processes. Provides a clear understanding of information technology (IT) in supporting and enabling the management and decision making in organizations both now and in the future.

**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. Utilize business intelligence and data analytics.
3. Capture, store, retrieve, analyze and report data and information for supporting business decision processes.
4. Integrate hardware, software, content, and technology architectures into systems platforms to meet the business requirements and prepare for business opportunities.
5. Utilize information technologies such as database and analytical software for business intelligence.
6. Assess the importance and significance of telecommunications, networking, internet and E-commerce to the effective marketing and management of a modern business.
7. Appraise and prepare for security threats in the net environment.

## **B. University Learning Outcomes**

This course enhances student abilities in the following areas:

### **Analytical Skills**

**Critical Thinking Skills** - Students will analyze a major business problem and use multi-discipline business concepts and tools to develop and model solutions and use software features to define workable decisions.

**Quantitative Reasoning** - Students will utilize business intelligence tools such as advanced Excel features, database, and other analytics software to solve problems.

## **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