

University of Arkansas - Fort Smith
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General Syllabus

MGMT 4133 Project Management

Credit Hours: 3

Lecture Hours: 3

Hours: 0

Prerequisite: Admission to business program, or major in Organizational Leadership or Electrical Engineering Technology, or consent of instructor

Effective Catalog: 2023-2024

I. Course Information

A. Catalog Description

Introduces students to the fundamental concepts of project management from initiation to completion. Covered topics include organizational structure and staffing, project planning, network systems, cost control, and proposal preparation.

II. Student Learning Outcomes

A. Subject Matter

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

1. Discuss the importance of project management.
2. Define project scope, priorities, and create a work breakdown structure.
3. Develop a project network.
4. Estimate project costs and develop appropriate budgets.
5. Apply project crashing techniques and evaluate related cost.
6. Evaluate and assess associated project risks.

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.

Communication Skills (written and oral) - Students will communicate effectively with a variety of audiences.

Ethical Decision Making - Students will model ethical decision-making processes. Specifically, students will evaluate relative importance of project constraints (time, scope, budget) to make appropriate decisions that achieve the best outcomes possible for the most people.

III. Major Course Topics

- A. Modern Project Management
- B. Integration of Organization Strategy with Projects
- C. Project Management Fundamentals
 - 1. Project Definition
 - 2. Developing Network Plans
 - 3. Managing Risk
 - 4. Scheduling and Reducing Project Time
 - 5. Managing Project Resources
 - 6. Progress and Performance Measurement
 - 7. Project Audit and Closure
- D. Project Administration
 - 1. Project Management Organizational Structures
 - 2. Project Leadership
 - 3. Managing Project Teams