

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

General Syllabus

PRFS 4133 Project Management

Credit Hours: 3 Lecture Hours: 3 Hours: 0

Prerequisite: Consent of department head

Effective Catalog: 2018-2019

I. Course Information

A. Catalog Description

Prepares the student for in-depth understanding of managing projects from initiation to completion. Topics to be covered include organizational structure and staffing; project planning; network systems; pricing, cost control; and proposal preparation.

B. Additional Information - None

II. Student Learning Outcomes

A. Subject Matter

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

1. Understand what differentiates a “project” from normal business operations and why project management is important.
2. Understand how organizational strategy is integrated with the project an enterprise chooses.
3. Apply and evaluate an effective organizational priority system for projects.
4. Define the project scope and priorities, and create a work breakdown structure.
5. Estimate project costs and develop appropriate budgets.
6. Develop a project network using either activity-on-the-node (AON) or activity-on-the-arrow (AOA) fundamentals.
7. Identify and analyze project risk.
8. Employ various techniques for reducing project time.
9. Understand and allocate project resources with respect to project constraints.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills – Students will identify a problem, isolate its components, organize information for decision making, establish criteria for evaluation, and draw appropriate conclusions through participation in problem solving and troubleshooting activities.

Quantitative Reasoning - Students will assign and use numbers, read and analyze data, create models, draw inferences, and support conclusions based on sound mathematical reasoning. Students will use of quantitative reasoning via the development of project schedules.

Communication Skills (written and oral)

Students will communicate proficiently. The student will express ideas and concepts through descriptive writing assignments and flow-charting of project activities and processes.

Ethical Decision Making

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