

University of Arkansas - Fort Smith
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General Syllabus

PRFS 3533 Workplace and Environmental Safety

Credit Hours: 3

Lecture Hours: 3

Laboratory Hours: 0

Prerequisite: Consent of department head

Effective: Summer I, 2012

I. Course Information

A. Catalog Description

Topics include accident prevention, statistics, costs, safety performance appraisal, and recognition of industrial hazards. Tools will be used to assess working conditions and make recommendations for ergonomic issues and workplace safety. Referencing the requirements of regulatory agencies, the student will document compliance and prepare reports.

B. Additional Information

The course will utilize a variety of computer-based interactive files permitting the student to analyze data, review information and create management models and operational scenarios that reflect real world concepts. A study of the supporting materials, guidelines, policies and personnel assignments associated with the flow of work and worker productivity in a safe work environment. Course activities include observing, gathering data, applying information to management models and creating the architecture of management to lead others in the workplace. The learner will be given access to state, federal and local area policies and procedures to seek compliance to the laws supportive of sound environmental management.

II. Student Learning Outcomes

A. Subject Matter

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

1. Identify industrial and environmental safety management traits and skills that are required in the workplace.
2. Apply management strategies that will establish company compliance with state, federal and local environmental and safety legislation.

3. Develop and implement performance and compliance measure tools for accountability and audit purposes.
4. Use resource information and knowledge sources when called upon to audit either criteria or compliance for maintaining a safe and secure workplace.
5. Discriminate and determine measurable variables of process and production capability for implementing best-practice safety procedures within cost constraints.
6. Establish, communicate and define corporate policy regarding environment and industrial safety issues in the workplace.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Students will gather, analyze data, make observations, evaluate, and prepare summary materials and complete related activities associated with learning or professional growth knowledge of safe working environments. These activities are pursuant to a better understanding in seeking new and informed meanings and applications of environmental issues and safety concepts identified in the texts.

Communication Skills (written and oral)

Students will communicate proficiently. Students will use communication skills in discussion and writing assignments.

Ethical Decision Making

Students will use the regulations of various industries to make decisions about how to comply in a work environment.

Global and Cultural Perspectives

Students will demonstrate understanding of cultural diversity of policies, laws, works, theories, and viewpoints associated to the subject matter area.

III Course Topics

- A. Safety and the environment
- B. Regulatory agencies and compliance issues
- C. Issues of safety and environmental hazards in the workplace
- D. Identifying workplace hazards
- E. Safety related process improvement and cultural change
- F. Prevention measures.