

ASM 326 – FALL 2004
HAZARD IDENTIFICATION AND CONTROL IN
PRODUCTION AGRICULTURE AND RELATED BUSINESSES
Syllabus*

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MEETING TIME AND LOCATION

Lecture / Laboratory

M 2:30-3:20 p.m. 114 AG ENGR

W 6:00-8:00 p.m. 114 AG ENGR

F 2:30-3:20 p.m. 114 AG ENGR

COURSE OBJECTIVES

This course provides an overview of identification and control of hazards common to farms and agriculturally related rural businesses. The focus is on hazards associated with machinery, structures, equipment, animals, chemicals and the outdoor environment. Upon completion of the course you will be able to:

1. Describe the extent and range of occupational injury and disease on farms and in agriculturally related businesses;
2. Describe principles of hazard identification and control;
3. Recognize hazards found on farms and in agriculturally related rural Businesses;
4. Develop methods for preventing or controlling hazards found on farms and In related businesses.
5. Evaluate work sites for hazards based on standardized hazard auditing tools.

MATERIALS

Textbook: **Safety Management for Landscaper, Grounds-Care Businesses and Golf Courses.** Deere & Company

GRADING

There is a total of 500 points possible.

Quizzes and Homework175 pts.....35%
Final Exam.....175 pts.....35%
Final Paper Project.....150 pts.....30%

Your final grade will be computed based on the following scale:

470 to 500 points	A	375 to 399	C+
450 to 469	A-	350 to 374	C
435 to 449	B+	300 to 349	D
415 to 434	B	Less than 300	F
400 to 414	B		

ATTENDANCE

Absences will affect your ability to do the assignments and participate. You are responsible for knowing the contents of each class, whether you are in attendance or not.

HOMEWORK

Home work assignments are due at the beginning of the class on the date indicated. Late homework will not be accepted without previous arrangements. Read the materials listed next to each class before the class. Additional reading assignments may be distributed during class.

EXAMS

The final exam will be comprehensive and will cover material in the assigned readings, homework assignments, and information presented during the course.

PARTICIPATION

Daily participation in class is highly encouraged. Grading for participation is **subjective and based on quality**, not quantity. Additional assignments may be used to increase participation on an as needed basis.

ACADEMIC INTEGRITY

All students must abide by the university's academic integrity policy. Academic integrity, as defined by University Faculty Senate Policy 49-20, is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating of information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students.

TENTATIVE COURSE SCHEDULE

Date	Topic	Assignments
Aug 31 Sept 1 Sept 3	Introduction to Agricultural Safety and Health Agricultural Injury Statistics Principles of Hazard Identification and Control	Chapter 1
Sept 6	NO CLASS – Labor Day	Chapter 2
Sept 8 Sept 10	Human Factors and Ergonomics Operator Compatibility with Machines	

Sept 13	Tractors and Self-powered Machines	Chapter 5 Chapter 3
Sept 15	Agricultural Machinery and Industrial Equipment	
Sept 17	Identifying Common Machine Hazards	
Sept 20	Animals and Animal Operations	Chapter 16
Sept 22	Childhood Safety Issues	
Sept 24	Farm and Rural Business Workshops	
Sept 27	Agricultural Structures	
Sept 29	Crop Handling and Storage	
Oct 1	Grain Handling Safety	
Oct 4	Outdoor Work Environments	Chapter 13
Oct 6	Agricultural Chemicals	
Oct 8	First Response to Farm Emergencies	
Oct 11	Safety and Health Regulations	
Oct 13	Final Exam	

* This syllabus is for a current or recent offering of the course. It is subject to change.