



MASTER COURSE OUTLINE

Prepared By: Landra Kosa

Date: Aug 2016

COURSE TITLE

Ag Safety and Pesticides

GENERAL COURSE INFORMATION

Dept.: AGR

Course Num: 212

(Formerly:)

CIP Code: 01.0301

Intent Code: 21

Program Code: 105

Credits: 5

Total Contact Hrs Per Qtr.: 55

Lecture Hrs: 55

Lab Hrs:

Other Hrs:

Distribution Designation:

COURSE DESCRIPTION (as it will appear in the catalog)

This course is an overview of safety in the agricultural industry by identifying safety hazards, applying procedures, analyzing safety rules and regulations. Emphasis will be placed on the relation to agricultural operations, technological changes, workplace violence, ethics, diversity, and personal/organizational responsibilities. This course will also focus on agricultural chemical applications, proper pesticide and fertilizer use. Upon completion of this course, students will be prepared for their Washington State Commercial Applicator License Exams.

PREREQUISITES

None

TEXTBOOK GUIDELINES

Agricultural Safety textbook determined by Agriculture faculty (Example: Washington Pesticide Laws and Safety, Carol Black , Carrie R. Foss , Rebecca L. Maguire; Agricultural Weed Management Principles, Carol Black , Robert Parker , Chris Boerboom; Introduction to Insect and Disease Management, Carol Black , Richard Zack , Carrie R. Foss , Art Antonelli; 296- 306 WAC Agricultural Safety Standards; 296- 62 WAC General Occupational Safety Standards)

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills:

1. Identify safety hazards.
2. Interpret laws and regulations pertaining to safety and health in agriculture.
3. Illustrate and apply safety procedures.
4. Complete a practice exam in preparation for the Washington State Pesticide Commercial Applicator licensing or Commercial Pest Control Consultant licensing exams.
5. Select appropriate agricultural chemical and pesticide safety and handling procedures.
6. Read pesticide labels.
7. Identify insect and weed problems.
8. Examine worker safety issues.
9. Evaluate safety plans.
10. Conduct an incident investigation.

INSTITUTIONAL OUTCOMES

IO3 **Human Relations/Workplace Skills:** Students will be able to demonstrate teamwork and/or workplace specific skills related to human relations

COURSE CONTENT OUTLINE

1. Intro. to Ag Safety & Health
 - a. History
 - b. Good Practices
2. Regulations pertaining to Ag Safety & Health
 - a. OSHA
3. Machinery and Equipment Safety
 - a. Forklift
 - b. ATV/UTV
 - c. Machinery Stability
4. Electrical Safety
5. Fire Hazards and Safety
6. Agriculture worker safety & awareness
 - a. Drug Use
7. Livestock Handling and Zoonosis
8. Agricultural chemicals and pesticides
9. Safety plans

DEPARTMENTAL GUIDELINES *(optional)*

Course textbooks and materials should include the most recent study materials for commercial pesticide license exam; including WAC Standards for Agricultural Safety and General Occupational Safety.

DIVISION CHAIR APPROVAL

DATE