

ARIZONA WESTERN COLLEGE
SYLLABUS

PLS 200 INTRODUCTION TO INTEGRATED PEST MANAGEMENT

Credit Hours: 4 Lec: 3 Lab: 3

PREREQUISITE: None

COURSE DESCRIPTION

To introduce students to the world of IPM through the understanding of concepts, practices and language of the control of agromonic pests and an introduction to major pests and control measures in the Colorado River Valley.

1. COURSE GOALS

- 1.1 Learn the required skills to handle farm chemicals.
- 1.2 Gain the necessary skills and knowledge to effectively control common agricultural pests.

2. OUTCOMES

Upon satisfactory completion of this course, students will be able to:

- 2.1 identify the safety hazards associated with handling farm chemicals.
- 2.2 identify common agricultural pests and recommend control strategies.
- 2.3 discuss federal and state laws governing pesticide use.
- 2.4 analyze environmental impacts of pesticides in soil and water.
- 2.5 identify common herbicides used in the desert southwest.
- 2.6 discuss pesticide formulation and calculate rates based on manufacturer guidelines and regulations.
- 2.7 assess the integration of new technologies pertaining to pesticide use.
- 2.8 compare biological and chemical control methods.
- 2.9 identify pesticide classes, both natural and synthetic, commonly used in agriculture.
- 2.10 explain the utilization of plant growth regulators in cropping systems.

3. METHODS OF INSTRUCTION

- 3.1 Lectures by the professor or invited speakers
- 3.2 Instructional technology
- 3.3 Field laboratory exercises
- 3.4 Field trips
- 3.5 Discussion

4. LEARNING ACTIVITIES

- 4.1 Textbook reading assignments
- 4.2 Participation in class discussions
- 4.3 Lectures, demonstrations, and visual presentations
- 4.4 Written exercises and periodic exams
- 4.5 Lab quizzes, pest collections and reports
- 4.6 Field trips

5. EVALUATION

- 5.1 Written exams and quizzes
- 5.2 Class participation
- 5.3 Written assignments
- 5.4 Field collection

6. STUDENT RESPONSIBILITIES

- 6.1 Under AWC Policy, students are expected to attend every session of class in which they are enrolled.
- 6.2 If a student is unable to attend the course or must drop the course for any reason, it will be the responsibility of the student to withdraw from the course. Students who are not attending as of the 45th day of the course may be withdrawn by the instructor. If the student does not withdraw from the course and fails to complete the requirements of the course, the student will receive a failing grade.
- 6.3 Americans with Disabilities Act Accommodations: Arizona Western College provides academic accommodations to students with disabilities through AccessABILITY Resource Services (ARS). ARS provides reasonable and appropriate accommodations to students who have documented disabilities. It is the responsibility of the student to make the ARS Coordinator aware of the need for accommodations in the classroom prior to the beginning of the semester. Students should follow up with their instructors once the semester begins. To make an appointment call the ARS front desk at (928) 344-7674 or ARS Coordinator at (928) 344-7629, in the College Community Center (3C) building, next to Advising.
- 6.4 Academic Integrity: Any student participating in acts of academic dishonesty—including, but not limited to, copying the work of other students, using unauthorized “crib notes”, plagiarism, stealing tests, or forging an instructor’s signature—will be subject to the procedures and consequences outlined in AWC’s Student Code of Conduct.
- 6.5 Texts and Notebooks: Students are required to obtain the class materials for the course.
- 6.6 Arizona Western College students are expected to attend every class session in which they are enrolled. To comply with Federal Financial Aid regulations (34 CFR 668.21), Arizona Western College (AWC) has established an Attendance Verification process for “No Show” reporting during the first 10 days of each semester.
- Students who have enrolled but have never attended class may be issued a “No Show” (NS) grade by the professor or instructor and receive a final grade of “NS” on their official academic record. An NS grade may result in a student losing their federal financial aid.
- For online classes, *student attendance in an online class is defined as the following* (FSA Handbook, 2012, 5-90):
- Submitting an academic assignment
 - Taking an exam, an interactive tutorial or computer-assisted instruction
 - Attending a study group that is assigned by the school
 - Participating in an online discussion about academic matters
 - Initiating contact with a faculty member to ask a question about the academic subject studied in the course