

Dakota College @ Bottineau Course Syllabus

FORS: 206 Horticulture Pest Control
Spring Semester 2014: 2 Credits

Course Description:

Horticulture Pest control covers the identification and use of chemicals, their mode of action, and safe use in a pest control program. The course will end with the North Dakota Commercial Pesticide Applicators exam.

Course Objectives:

Students will become familiar with and implement the following practices;

1. Principles of pest control
2. Pesticide labeling
3. Formulations
4. Pesticides in the Environment
5. Harmful effects and emergency responses
6. Personal Protective equipment
7. Pesticide handling decisions
8. Mixing, loading, and application procedures
9. Transportation, storage, disposal and spill cleanup
10. Correct application
11. Special environmental concerns (ground water contamination and endangered species)

Instructor:

Diann Beckman

Office:

Molberg Rm: 20

Office Hours:

MWF 10:00 – 11:00 Other hours by appointment

Phone:

701-228-5442

Email:

diann.beckman@dakota college.edu

Lecture/Lab Schedule:

TH 5:00-6:50 PM

Textbook(s):

USDA /Extension Service Text "Applying Pesticides Correctly"

Iowa State University Extension "Ornamental, Turf and Greenhouse Pest Management)

These are available through NDSU'S Pesticide Application Program

The Fee has been applied to your tuition and will be sent to NDSU upon registration. Materials will come from NDSU Pesticide Division.

Course Requirements:

Students will be required to attend an 8 hour training session provided by NDSU. This is a video conference that can be watched on Campus. The books and other regulations will be covered during class to help prepare for the exam. We will also be covering the books during class to highlight areas that you will need to be familiar with so that you will be able to find the information faster for the open book test that will be administered at the Bottineau County Courthouse on a date yet to be determined.

Tentative Course Outline:

Week One

Chapter one Pest management

Week Two

Chapter Two

Federal Pesticide Laws

Week Three

Pesticide Labeling and Formulations

Pesticide workshop offered in Fargo the last day of the NDNGA meeting

Week Four

Pesticide Hazards/ First Aid and Personal Protective Equipment

Week Five

Pesticides in the Environment

Week Six

Transportation, Storage and Security and Emergency or Incident Response

Week Seven

Video Conference with NDSU Pesticide Specialists

Week Eight

Planning pesticide application

Pesticide Application Procedures

Week Nine

Professional Conduct

Week Ten

Spring Break

Week Eleven

NDSU Study session over the computer Meet in Molberg at 8am March 26th. Class will meet from 8AM - 4PM on March 26th.

Week Twelve

Review for Exam

Week Thirteen

Certification exam will be given.

Students need to plan for 3-4 hours to complete the exams. There are two or three exams to take depending on categories chosen for certification.

(It usually takes 1-3 weeks to get the test results. 70% minimum to pass) In the event that you fail all or part of the exam, you will be given one opportunity to retake the test/tests.

Week Fourteen

Personal Protective Equipment (Proper equipment, proper fitting of equipment, trial spray of greenhouse)

Week Fifteen and Sixteen

WAIT FOR TEST RESULTS

RETAKES IF NECESSARY

General Education Goals/Objectives:

Relationship to Campus Theme

Development of a responsible environmentally sensitive pesticide program is essential in all greenhouses and other Agriculture related businesses! Integrated Pest Management (IPM) and Best management Programs (BPM) are a way of life today. We must do as much as possible to reduce damages caused by pest as safely as we possibly can.

Classroom Policies:

Attendance is highly recommended as there will be film provided by NDSU that will only be available the evening of class.

Academic Integrity:

Students are expected to do their own work on the test. No collaboration will be allowed.

Disabilities and Special Needs:

Students must notify me of any needs within the first week of class due to a disability or special need.