Dakota College @ Bottineau Course Syllabus

FORS: 206 Horticulture Pest Control
Spring Semester 2011: 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:
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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
Pesticide Workshop offered at the NCTGA meeting

Week Nine
Professional Conduct

Week Ten
Spring Break

Week Eleven
Review for Exam

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.