

Dakota College at Bottineau Course Syllabus

Course Prefix/Number/Title:

PPTH 255 Plant Disease Management

Number of credits: 3

Course Description:

In Plant Disease Management students will learn how to properly identify and control diseases of trees, landscape plants, and turf.

Pre-requisites:

None

Course Objectives:

Students will:

Learn how to identify and manage diseases afflicting trees, horticultural plants, and turf.

Learn how to identify and manage abiotic disorders common to trees, horticultural plants, and turf.

Instructor:

Mark Pomarleau

Office:

Molberg Center Room 26

Office Hours:

MWTh 10:00-12:00

Phone:

701-228-5489

Email:

mark.pomarleau@dakotacollege.edu

Lecture/Lab Schedule:

MW 9:00-9:50

Tu 10:00-11:50

Textbook:

Title: Diseases of Trees and Shrubs

Author: Wayne A. Sinclair and Howard H. Lyon

Publisher: Cornell University Press

Edition/Year: 2nd edition (November 2005)

ISBN: 0801443717

Course Requirements:

Attendance: Required.

Tests: 8 tests worth 100 points each.

Lab Assignments: 8 assignments worth 20 points each.

Grading will be on the 90-80-70-60% grading scale.

Tentative Course Outline:

Week 1

Introduction

Week 2

Trees and Shrubs

Week 3

Trees and Shrubs

Week 4

Trees and Shrubs

Week 5

Trees and Shrubs

Week 6

Trees and Shrubs

Week 7

Trees and Shrubs

Week 8

Landscape-Fruit

Week 9
Landscape-Fruit
Week 10
Landscape-Vegetables

Week 11
Landscape-Herbaceous

Week 12
Landscape-Herbaceous

Week 13
Turf- Abiotic

Week 14
Turf-Biotic

Week 15 – Week 16
Greenhouse Plants

General Education Goals/Objectives:

Not applicable.

Relationship to Campus Theme: Nature, Technology and Beyond

Plant diseases have a huge impact on people, most notably when they attack our sources of food. Yet, in **nature** diseases play an important role in promoting diversity among species as well as helping to keep overall plant populations strong. New **technologies** are introduced constantly in order to battle these pathogens. The **future** of plant pathology is coming up with ways to work with nature in order to prevent disease instead of trying to control it.

Classroom Policies:

Please turn the ringer off of all cell phones. If a message is urgent, leave the classroom to take the call.

Academic Integrity:

Discussion among students during class projects is encouraged, however all tests are meant to be done entirely by the student. Any instance of cheating while taking a test will result in an automatic “F” for the test, and a possible “F” for the course.

Disabilities and Special Needs:

Please inform the instructor within the first week of class if any assistance is required due to disabilities or special needs.