



Course Prefix/Number/Title: FORS 275 Advanced Arboriculture

Number of Credits: 3

Course Description:

Students will learn advanced arboricultural practices such as the transplanting of large trees, preserving existing trees on a construction site, cabling, bracing, and the evaluation of hazardous trees.

Pre-/Co-requisites: FORS 273 Arboriculture

Course Objectives:

Students will learn

- Understand how to transplant large trees and know how to properly use a tree spade.
- Be able to manage special situations such as root-pavement conflicts, trees in pavement, recycling wood waste, managing fire-safe landscaping, trees in planters, and landfill sites.
- Be able to select trees for preservation and be able to protect them during construction.
- Understand the role of chemicals used to control plant growth.
- Be able to evaluate hazard trees and to properly deal with them.
- Understand cabling and bracing systems.
- Be able to diagnose plant problems.
- Understand the principles of plant health care.

Instructor: Cody Clemenson

Office: NA

Office Hours: NA

Phone: 701-263-5772

Email: cody.s.clemenson@dakotacollege.edu

Lecture/Lab Schedule: Online

Textbook(s):

Title: Arboriculture

Author: Richard W. Harris, James R. Clark, and Nelda P. Matheny

Publisher: Pearson Prentice Hall

Edition/Year: 4th Edition

ISBN: 0-13-088882-6

Course Requirements:

Tests: 8 chapter quizzes worth 10 to 20 points each. 8 essay assignments worth 25 points each.

Grading will be on the 100-90%= A, 89-80%= B, 79-70%=C, 69-60%= D, Less than 60%= F.

Tentative Course Outline:

You will only be allowed to be a week behind this schedule or else you will receive a 0 for the activities for that week's assignments.

Week 1

Chapter 9 – Transplanting Large Plants

Week 2

Chapter 10 – Special Management Situations

Week 3

Chapter 10 – Special Management Situations

Week 4

Chapter 11 - Preserving Existing Trees Protection

Week 5

Chapter 11 - Preserving Existing Trees Damage

Week 6

Chapter 11 - Preserving Existing Trees Post Damage Care

Week 7

Chapter 15 – Control of Plant Growth

Week 8

Chapter 16 – Tree Hazard Management Liability and Site Analysis

Week 9

Chapter 16 – Tree Hazard Management Evaluating Defects

Week 10

Chapter 16 – Tree Hazard Management Inspection Techniques

Week 11

Chapter 16 – Tree Hazard Management
Hazard Rating Systems and Hazard Abatement

Week 12

Chapter 17 - Preventative Maintenance and Repair
Cabling and Bracing

Week 13

Chapter 17 - Preventative Maintenance and Repair
Lighting Protection, Wounds and Cavities

Week 14

Chapter 18 – Diagnosing Plant Problems

Week 15

Chapter 19 - Plant Health Care

Week 16

Chapter 19 - Plant Health Care

General Education Competency/Learning Outcome(s) OR CTE Competency/Department Learning Outcome(s): NA

Relationship to Campus Focus: This course addresses the campus theme by incorporating the role of natural resource management plays in our everyday life and the impact it has in our natural world.

Classroom Policies:

This 3 credit, online course requires the following to build and engage a classroom community of learners:

- Log in to the course a minimum of three times per week.
- Complete and submit coursework on time.
- Pace yourself, and make sure that all assignments are completed by the end of the semester.
- Late work will only be excepted one week from the course outline or you will earn 0 points.
- Communicate with the instructor.
- Reading the assigned texts is the student's responsibility and is essential to success in this course.
- This academic environment is open and harassment free.

Student Email Policy:

Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student's campus-assigned email address will be the only one recognized by the Campus for official mailings. The liability for missing or not acting upon important information conveyed via campus email rests with the student.

Academic Integrity:

According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred.

Disabilities or Special Needs:

Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services.

Title IX:

Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College's Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX webpage.