



**Course Prefix/Number/Title:** FORS 280 Principles of Pruning

**Number of Credits:** 3

**Course Description:**

Students will learn how to make effective pruning cuts and how trees respond to them. They will learn which tools are used and the proper timing for different pruning methods. The concept of structural pruning will be discussed, as well as how to prune shrubs, roots and storm-damaged trees.

**Pre-/Co-requisites:** FORS 273 Arboriculture

**Course Objectives:**

Students will

- Learn the best way to minimize pruning needs.
- Learn the different pruning cuts and their implications.
- Learn how to use pruning tools and equipment.
- Learn the different types of pruning based on specific pruning objectives.
- Learn to utilize pruning standards and specifications.
- Learn the special pruning requirements of shrubs.

**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: An Illustrated Guide to Pruning

Author: Edward F. Gilman

Publisher: Delmar

Edition/Year: 3rd Edition

ISBN: 978-1-111-30730-1

**Course Requirements:**

Assignments: 16 assignments worth 10 to 20 points each.

Test: 16 chapter test worth 8 to 20 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 1 - Introduction to Pruning

Chapter 2 – Plant Selection, Placement, and Management

**Week 2**

Chapter 3 – Tree Structure and Strength

Chapter 4 – Wood, Energy, and Compartmentalization

**Week 3**

Chapter 5 – Pruning Cuts and Implications

Chapter 6 – Pruning Tools

**Week 4**

Chapter 7 – When to Prune

Chapter 8 – Nursery Tree Production Pruning

**Week 5**

Chapter 9 - Nursery Tree Production Pruning: Developing the Crown

Chapter 10 – Developing and Maintaining Special Forms

**Week 6**

Chapter 11 – Structural Pruning in the Landscape: Perspective

Chapter 12 – Structural Pruning in the Landscape: Practice

**Week 7**

Chapter 13 – Pruning Types for Established Trees

Chapter 14 – Mature and Storm-Damaged Trees

**Week 8**

Chapter 15 – Maintaining Special Trees and Sites

Chapter 16 – Root Pruning and Management

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

**Relationship to Campus Focus: NA**

**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.