

## Dakota College at Bottineau Course Syllabus

### **Course Prefix/Number/Title:**

FORS 265 Arboricultural Practices

### **Number of credits:** 3

### **Course Description:**

Students will learn about the different types of climbing equipment and how they are used for pruning and tree removal. They will also be introduced to industry safety and quality standards, as well as how to recognize potential hazards and to use safety skills.

### **Pre-requisites:**

PLSC 273 and PLSC 275

### **Course Objectives:**

It is expected that students will be knowledgeable of:

- Industry safety standards
- Chain saw operation and safety
- How to fell a tree
- Brush chipper and stump cutter operation and safety
- Aerial lift and crane usage and safety

### **Instructor:**

Eden McLeod

### **Email:**

Use iMail within course

### **Lecture/Lab Schedule:**

Online

### **Textbook:**

Title: American National Standard for Arboricultural Operations- Safety Requirements  
Publisher: International Society of Arboriculture

Edition/Year: 2012  
ISBN: 978-1-881956-74-7

Title: The Tree Climber's Companion: A Reference And Training Manual For Professional Tree Climbers  
Author: Jeff Jepson  
Publisher: Access Pub Inc  
Edition/Year: 2<sup>nd</sup> Edition  
ISBN: 978-0615112909

**Course Requirements:**

Tests: 8 topic quizzes worth from 25 to 75 points each.  
Essay Assignments: 8 essay assignments worth 50 points each.  
Midterm and Final Essay tests worth 100 points each.  
Grading is on the 90-80-70-60% grading scale.

**Tentative Course Outline:**

Week 1  
Introduction to Industry Safety Standards

Week 2  
Introduction to Industry Safety Standards

Week 3  
Chain Saw Operation and Safety

Week 4  
Chain Saw Operation and Safety

Week 5  
Chain Saw Operation and Safety

Week 6  
Chain Saw Operation and Safety

Week 7  
Tree Felling

Week 8  
Tree Felling

Week 9  
Midterm Exam

Week 10  
Felling, Limbing, and Bucking

Week 11  
Brush Chipper Usage and Safety

Week 12  
Brush Chipper Usage and Safety

Week 13  
Stump Cutter Usage and Safety

Week 14  
Stump Cutter Usage and Safety

Week 15  
Aerial Lift Usage and Safety

Week 16  
Final Exam

### **Relationship to Campus Theme: Nature, Technology and Beyond**

By planting trees and shrubs in our cities, near our homes, and in rural areas, we are utilizing their **natural** ability to clean the air, temper high winds, and cool our homes. **Technology** in arboriculture includes new techniques for planting, watering and pruning, along with the constant improvement of the tools used to perform these tasks safely. **As we look to the future**, trees become even more important in the face of a gradually warming planet and the effects it will have on people everywhere.

### **Classroom Policies:**

This three 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 may not be submitted and 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:**

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:**

If you have a disability for which you need accommodation, contact the Learning Center to request disability support services. Thatcher Hall 1104; 701-228-5477 or toll-free 1-888-918-5623.