

## **Dakota College at Bottineau Course Syllabus**

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

FORS 263 Urban Forest Management

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

### **Course Description:**

Students will learn the principles of effective urban forest management including planning, cultural practices, organization, financial management, and regulations affecting the management of urban trees.

### **Pre-/Co-requisites:**

None

### **Course Objectives:**

Students will:

Learn how to manage urban forests and Greenspaces.

Learn how to manage the financial requirements of an urban forestry department.

Understand the rules and regulations affecting the management of urban forests.

### **Instructor:**

Mark Pomarleau

### **Office:**

Molberg Center Room 26

### **Office Hours:**

MWTh 10:00-12:00

### **Phone:**

701-228-5489

### **Email:**

[mark.pomarleau@dakotacollege.edu](mailto:mark.pomarleau@dakotacollege.edu)

**Lecture/Lab Schedule:**

MW 2:00-2:50

F 2:00-3:50

**Textbook:**

Title: Urban Forestry

Author: Robert W. Miller

Publisher: Waveland Press

Edition/Year: 2nd Edition

ISBN: 978-1-57766-510-6

**Course Requirements:**

Attendance: Required.

Tests: 3 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

Chapter 1 – Evolution of Cities

Week 2

Chapter 2 – Social Needs and Values of Urban Society

Week 3

Chapter 3 – The Urban Forest

Week 4

Chapter 4 – Uses of Urban Vegetation

Week 5

Chapter 5 – Values of Urban Vegetation

Week 6

Chapter 6 – Street Tree Inventories

Week 7

Chapter 7 – Parks and Other Urban Natural Resource Inventories

Week 8

Chapter 8 – Planning and Urban Forestry

Week 9

Chapter 9 – Vegetation Ordinances

Week 10

Chapter 10 – Management of Street Trees: Planning

Week 11

Chapter 11 - Management of Street Trees: Planting

Week 12

Chapter 12 – Management of Street Trees: Maintenance

Week 13

Chapter 13 – Program Administration and Analysis

Week 14

Chapter 14 – Management of Park and Open Space Vegetation

Week 15

Chapter 15- Commercial and Utility Arboriculture

Week 16

Finals

**General Education Goals/Objectives:**

Not Applicable.

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

Arboriculture is the cultivation of trees and shrubs. 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. **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:**

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.