

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

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

FORS 290 Capstone: Urban Forestry

### **Number of credits:**

1

### **Course Description:**

The Urban Forestry Capstone will focus on the development of an urban forestry plan for a fictitious city. Students will play the role of city forester and have to deal with problems such as Dutch Elm Disease, major flooding, and Emerald Ash Borer, which plague their city. Students will present a written plan to cope with these issues and more.

### **Pre-requisites:**

Sophomore standing and instructor approval.

### **Course Objectives:**

Students will learn:

How to apply the knowledge which they have gained in the field of Urban Forest Management, and apply it to real-world problems.

### **Instructor:**

Mark Pomarleau

### **Office:**

Molberg 26

### **Office Hours:**

MWF 1:00-3:00

### **Phone:**

228-5489

### **Email:**

mark.pomarleau@dakotacollege.edu

**Lecture/Lab Schedule:**

Monday 4:00-4:50 pm

**Textbook:**

None required

**Course Requirements:**

Completed urban forestry plan will be worth a total of 400 points.  
Five 20 point quizzes will be given for a total of 100 points.  
500 points total for class.

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

**Tentative Course Outline:**

Weeks 1 and 2

Sample urban forestry plans

Weeks 3 and 4

Tree inventories

Weeks 4 and 5

Strategies in dealing with Dutch Elm Disease

Weeks 6 and 7

Diversity in planting

Weeks 8 and 9

Public Relations skills

Weeks 10 and 11

Assessing flood damage

Weeks 12 and 13

Strategies in dealing with flood damaged trees

Weeks 14 and 15

Emerald Ash Borer Strikes

Week 16 and 17

Putting It All Together

**General Education Goals/Objectives:**

Not applicable

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

The Urban Forestry Capstone will introduce students to tree inventory **technology** in order to assess the needs of their community. They will learn how to deal with **natural** disasters which can affect the communities in which they may work. Students will have to look **beyond** the traditional means in order to discover creative solutions to problems attacking our urban forests.

**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:**

Collaboration among students during class projects is encouraged, however all assignments must consist of the students own work. Any instance of copying another student's files and trying to pass them off as your own will result in an automatic "F" for the project, 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.