

Urban Forest Management

Lecture:
January – May, 2006

Instructor:

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Course Website:

TBA

Office hours:

To be arranged

Readings:

Required

1. Miller, Robert W. 1997. Urban Forestry: Planning and Managing Urban Greenspaces. 2nd ed.). Prentice Hall, 502 p.
2. Handouts throughout the semester (check the course website) and library reserve shelf.

Policies for the conduct of the course:

Classroom

The course will consist of 2-75 minute class meetings per week. There will be several organized field experiences arranged throughout the semester on either Fridays or Saturdays. The first class period of the week will typically introduce the weekly topic(s) via lecture, clarification of reading assignments and discussion. The second class period will focus more on discussion, review of current research, as well as introduce guest speakers.

Attendance

Attendance is mandatory, and each student is held responsible for all material presented in class. The only excused absences will be notification beforehand with a good reason for missing the class (e-mail is fine). Arrangements should be made with a classmate to take notes and obtain copies of handouts when absence is unavoidable. Lectures are to emphasize important topics, answer questions, and provide information from recent research. It will be the absentee's responsibility to initiate action with the instructor to make up missed work.

Participation during class meetings is necessary to excel in this course. A percentage of your final grade will come from how the instructor perceived you participated throughout the course.

Assignments

When assignments are due, they are to be submitted in the manner required (usually by email). Late submissions will be docked 25% of the total value for the assignment each day until it is submitted.

Assignments submitted more than four days late will not be assessed. Assignments should be typed and of professional quality.

Quizzes, Tests, and Exam

Students will be tested on material drawn from lectures, assigned readings, laboratory sessions, and assignments. All quizzes, tests, and exams will be closed-book. Unannounced quizzes will be conducted throughout the semester, testing on important recent concepts. There will be two tests during the semester which will include any material covered to the date of the test. A comprehensive final exam will be given at the end of the semester during finals week.

Grading Procedure: TBA

Tentative topics schedule:

- Benefits of trees
- Inventory
- Management plans
- Storm preparedness and response
- Municipal governance, ordinances, etc.
- State and federal roles in urban forestry
- Tree care and pest diagnostic basics
- Tree selection and nursery operations
- Volunteers
- Tree preservation and construction
- Utility arboriculture
- Working with landscape architects
- Special Topics
 - Urban Forest Ecosystem Projects (i.e. Chicago Wilderness)
 - The role(s) of arboretums, nature/educational centers, etc.
 - Grant Opportunities for municipalities, NGOs, etc.
 - Others?
- Field trips to IU campus, City of Bloomington, nursery operations
- Participation in a volunteer event – Arbor Day/Tree City USA celebration, Tree Stewards, etc.