



**COMMON COURSE OUTLINE: Course discipline/number/title: HORT 1325: Urban Forestry**

**A. CATALOG DESCRIPTION**

- 1. Credits: 3**
- 2. Hours/Week: 1 online, 2 classroom**
- 3. Prerequisites (Course discipline/number): HORT 1310**
- 4. Co-requisites (Course discipline/number): None**
- 5. MnTC Goals (if any): NA**

This course covers: Management of green infrastructure of cities, towns, and communities. Will emphasize management of urban forest ecosystems to maximize benefits to the environment and people. Tree selection, risk assessment, cost-benefit analysis, environmental benefits, social impacts, communication, landscape planning, values and perceptions. How urban forestry can be a tool to improve community infrastructure and the human environment.

**B. DATE LAST REVISED (Month, year): April, 2009**

**C. OUTLINE OF MAJOR CONTENT AREAS:**

1. Management of green infrastructure of cities, towns, and communities
2. Will emphasize management of urban forest ecosystems to maximize benefits to the environment and people
3. Tree selection
4. Risk assessment
5. Cost-benefit analysis
6. Environmental benefits
7. Social impacts
8. Communication
9. Landscape planning
10. Values and perceptions
11. How urban forestry can be a tool to improve community infrastructure and the human environment

**D. LEARNING OUTCOMES (GENERAL): The student will be able to:**

1. Develop communication skills.
2. Learn social influences on urban forest management.
3. Learn management for long term sustainability.
4. Learn to match trees to site needs.
5. Learn site evaluation and protection.
6. Learn budgeting and community decision making processes.
7. Develop budget for planting and maintenance of urban trees.
8. Describe community and regional planning influences.
9. Understand community ordinances and regulations related to urban trees.
10. Develop cost/benefit analysis.
11. Network with public and private partners.
12. Work with volunteers.

**E. LEARNING OUTCOMES (MNTC): NA**

**F. METHODS FOR EVALUATION OF STUDENT LEARNING:**

1. Tests
2. Quizzes
3. Labs work
4. Special projects
5. Class participation

**G. SPECIAL INFORMATION (if any): None**



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