

Forestry 331
Landscape Maintenance and Arboriculture
Fall 2019
L. P. Werner

Text: Arboriculture: Integrated Management of Landscape Trees, Shrubs and Vines
4th Edition. Harris, Clark and Metheny. Prentice Hall

Course Learning Objectives

1. Develop an understanding of the principles behind an integrated approach to the management of urban landscapes, including;
 - water management
 - soil and nutrient management
 - insect/disease management
2. Develop an understanding of plant establishment and tree care techniques, including pruning, cabling, and lightning protection.
3. Develop an understanding of tree growth phases and how growth phase influences management activities.
4. Develop an understanding of how OSHA and the ANSI standards influence tree management in urban landscapes.
5. Develop an understanding of vegetation management practices in utility corridors.
6. Develop an understanding of how to efficiently manage urban landscapes, including work scheduling, price estimations, and work orders.

These learner objectives will be achieved through a combination of lectures/discussions, laboratory/field exercises, and outside reading assignments.

NOTE: POWERPOINT LECTURES ARE THE PROPERTY OF DR. LES WERNER AND ARE NOT INTENDED FOR PERSONAL USE AND/OR DISTRIBUTION.

Grading:

The course involves fieldwork therefore, lab attendance is mandatory. Your final grade will be based on 3 lecture exams and the lab exercises. The exams constitute 60% of your final grade (20% each) and the lab exercises constitute 40% of your final grade.

We will follow the University system of grading, including + and --.

90 – 100	A
80 – 89	B
70 - 79	C
60 - 69	D
< 60	Failing

The instructor reserves the right to adjust the grading scale downward.

SOCIETY OF AMERICAN FORESTERS CODE OF ETHICS

Principles and Pledges

1. Foresters have a responsibility to manage land for both current and future generations. We pledge to practice and advocate management that will maintain the long-term capacity of the land to provide the variety of materials, uses, and values desired by landowners and society.
2. Society must respect forest landowners' rights and correspondingly, landowners have a land stewardship responsibility to society. We pledge to practice and advocate forest management in accordance with landowner objectives and professional standards, and to advise landowners of the consequences of deviating from such standards.
3. Sound science is the foundation of the forestry profession. We pledge to strive for continuous improvement of our methods and our personal knowledge and skills; to perform only those services for which we are qualified; and in the biological, physical, and social sciences to use the most appropriate data, methods, and technology.
4. Public policy related to forests must be based on both scientific principles and societal values. We pledge to use our knowledge and skills to help formulate sound forest policies and laws; to challenge and correct untrue statements about forestry; and to foster dialogue among foresters, other professionals, landowners, and the public regarding forest policies.
5. Honest and open communication, coupled with respect for information given in confidence, is essential to good service. We pledge to always present, to the best of our ability, accurate and complete information; to indicate on whose behalf any public statements are made; to fully disclose and resolve any existing or potential conflicts of interest; and to keep proprietary information confidential unless the appropriate person authorizes its disclosure.
6. Professional and civic behavior must be based on honesty, fairness, good will, and respect for the law. We pledge to conduct ourselves in a civil and dignified manner; to respect the needs, contributions, and viewpoints of others; and to give due credit to others for their methods, ideas, or assistance.