

SPRINGFIELD TECHNICAL COMMUNITY COLLEGE

ACADEMIC AFFAIRS

Course Number: LAND 320 Department: Landscape Technology

Course Title: Landscape Practices Semester: Spring Year: 1999

Objectives/Competencies

Course Objective	Competencies
1.Enhance understanding of the six functions of a normal tree.	1.List six functions of a normal tree. 2.Explain importance of each function.
2.Develop tree pruning skills.	1.Describe the procedures used in tree pruning. 2.List the equipment used in tree pruning. 3.Prune a campus tree.
3.Learn to evaluate a tree's condition. (Analysis to residential sites.)	1.Describe what should be removed. 2.Explain why it should be removed. 3.Demonstrate how it should be removed.
4.Develop an understanding of the principles of tree fertilization.	1.List the methods used in tree fertilization. 2.Describe the appropriate use for each method. 3.Apply fertilizer to campus trees.
5.Develop an understanding of tree bracing. (Resource Notebook.)	1.List the equipment used in tree bracing. 2.Describe the procedures used in tree bracing. 3.Brace a campus tree.

Course Objective	Competencies
<p>6.Learn to calculate the value of a damaged tree.</p> <p>7.Develop an understanding of what makes a tree healthy and what is an abnormal tree.</p>	<p>1.Complete the calculation of the value of a campus tree.</p> <p>1.List the environmental conditions which cause abnormal tree growth.</p> <p>2.List the insect problems which effect tree growth.</p> <p>3.List the diseases which effect tree growth.</p>