

**HORT 151 Course Outline as of Spring 2012****CATALOG INFORMATION**

Dept and Nbr: HORT 151 Title: PRUNING ORNAMENTALS

Full Title: Pruning Ornamentals

Last Reviewed: 12/14/2015

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	1.50	Lecture Scheduled	1.50	17.5	Lecture Scheduled	26.25
Minimum	1.50	Lab Scheduled	0	6	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	1.50		Contact Total	26.25
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 52.50

Total Student Learning Hours: 78.75

Title 5 Category: AA Degree Applicable

Grading: Grade or P/NP

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly: AG 297.11

**Catalog Description:**

A guide to pruning trees, shrubs, vines and perennials. Discussion of basic plant shapes and how plants grow as the foundation for the benefits of pruning. Basic pruning methods and procedures. Correct tool use and maintenance.

**Prerequisites/Corequisites:****Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100

**Limits on Enrollment:****Schedule of Classes Information:**

Description: A guide to pruning trees, shrubs, vines and perennials. Discussion of basic plant shapes and how plants grow as the foundation for the benefits of pruning. Basic pruning methods and procedures. Correct tool use and maintenance. (Grade or P/NP)

Prerequisites/Corequisites:

Recommended: Eligibility for ENGL 100 or ESL 100

Limits on Enrollment:

Transfer Credit:

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>	Effective:	Inactive:
<b>CSU GE:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>IGETC:</b>	<b>Transfer Area</b>	Effective:	Inactive:
<b>CSU Transfer:</b>		Effective:	Inactive:
<b>UC Transfer:</b>		Effective:	Inactive:

**CID:**

**Certificate/Major Applicable:**

Both Certificate and Major Applicable

## **COURSE CONTENT**

### **Outcomes and Objectives:**

Upon completion of the course, students will be able to:

1. List the common reasons to prune.
2. Differentiate among the basic pruning techniques.
3. Compare and contrast common plant growth responses to basic pruning techniques.
4. Identify available pruning tools.
5. Select proper tool for the proper pruning job.
6. Compare excurrent vs. decurrent tree growth patterns.
7. Distinguish among common shrub and ground cover growth forms.
8. Describe various specialty pruning practices and the techniques used to for each.

### **Topics and Scope:**

- I. Purposes for pruning
- II. Basic plant growth patterns
- III. Plants' response to cuts
- IV. Basic pruning techniques
  - A. Heading back
  - B. Thinning out
  - C. Shear
  - D. Deadhead
  - E. Pinching
- V. Pruning tools
  - A. Selection
  - B. Proper use and safety
  - C. Maintenance
- VI. Specialty pruning techniques
  - A. Needled evergreens
  - B. Vines
  - C. Rejuvenation

- D. Establishment
- E. Special techniques
  - 1. Topiary
  - 2. Espalier
  - 3. Pollard

### Assignment:

1. Written assignment: Identify and label pruning tools in a displayed selection.
2. Written assignment: examine an identified tree specimen and analyze what pruning needs to be done for better shape and health.
3. Skill demonstration: proper pruning on designated plants.
4. Written assignment: create a pruning inventory for a selected site or landscape area.
5. Skill demonstration: take apart, maintain, and reassemble selected pruning tools.

### Methods of Evaluation/Basis of Grade:

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Pruning tools inventory and identification assignments

Writing  
20 - 30%

**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Pruning analysis assignment

Problem solving  
20 - 30%

**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Demonstration of pruning techniques; pruning tools assembly and maintenance

Skill Demonstrations  
20 - 30%

**Exams:** All forms of formal testing, other than skill performance exams.

None

Exams  
0 - 0%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation.

Other Category  
10 - 20%

### Representative Textbooks and Materials:

Ortho, All About Pruning. 2000 (Classic)  
Instructor prepared materials