ADLTED 748.4 Course Outline as of Fall 2024

CATALOG INFORMATION

Dept and Nbr: ADLTED 748.4 Title: INTRO TREE MAINTENANCE
Full Title: Introduction to Tree Maintenance and Pruning
Last Reviewed: 11/26/2018

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	0	Lecture Scheduled	0	8	Lecture Scheduled	0
Minimum	0	Lab Scheduled	3.00	4	Lab Scheduled	24.00
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	24.00
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 0.00   Total Student Learning Hours: 24.00

Title 5 Category: Non-Credit
Grading: Non-Credit Course
Repeatability: 27 - Exempt From Repeat Provisions
Also Listed As:
Formerly:

Catalog Description:
Students will learn and practice the basics of tree pruning and maintenance.

Prerequisites/Corequisites:

Recommended Preparation:

Limits on Enrollment:

Schedule of Classes Information:
Description: Students will learn and practice the basics of tree pruning and maintenance. (Non-Credit Course)
Prerequisites/Corequisites:
Recommended:
Limits on Enrollment:
Transfer Credit:
Repeatability: Exempt From Repeat Provisions

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: **Area**   Effective: Inactive:
CSU GE: **Transfer Area**   Effective: Inactive:

IGETC: **Transfer Area**   Effective: Inactive:

CSU Transfer: Effective: Inactive:

UC Transfer: Effective: Inactive:

CID:

Certificate/Major Applicable:
Certificate Applicable Course

COURSE CONTENT

Student Learning Outcomes:
At the conclusion of this course, the student should be able to:
1. Effectively prune and train a variety of trees and shrubs common in Sonoma County and California.
2. Safely use and maintain appropriate tools for pruning and training.

Objectives:
At the conclusion of this course, the student should be able to:
1. List six reasons for pruning or training trees and shrubs.
2. Discuss and explain the basics of when and how to prune trees and shrubs.
3. Identify and explain how tree conditions affect the types of necessary pruning.
4. Effectively and safely use hand pruning shears, lopping shears, folding and fixed handled pruning saws.

Topics and Scope:

I. Reasons for Pruning and Training Trees and Shrubs

II. Assessing Tree Condition

III. Training and Pruning Systems
  A. Open Center or Vase-shaped
  B. Central Leader
  C. "Y" System

IV. Basics of When and How to Prune Trees
  A. Dormancy
  B. Cutting side shoots
  C. Pruning young trees
  D. Encouraging vegetative growth
  E. Creating upright branches
  F. Encouraging new growth by cutting buds
  G. Exposing the tree to sunlight by cutting tops

    H. Making clean cuts
    I. Removing old growth periodically

V. Tools and Safety
    A. Hand-pruning shears
    B. Lopping shears with 24 to 30-inch handles
    C. Folding or fixed-handled pruning saw with curved blades and wide-set teeth
    D. Using Ladders Safely
      1. Orchard or tripod
      2. Folding ladders
      3. Extension ladders

VI. Employment Opportunities in the Tree and Landscaping Industry

Assignment:

1. Poster project showing three pruning systems;
2. Small group presentation;
3. Group work in identifying types of trees and their pruning/training needs;
4. Oral quizzes on the use of particular tools and pruning strategies (4).

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.

None	Writing 0 - 0%

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

Group work identifying trees and their needs	Problem solving 20 - 30%

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

None	Skill Demonstrations 0 - 0%

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

Oral Quizzes	Exams 15 - 20%

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

Small group presentation; Poster project; Active attendance and participation	Other Category 50 - 60%

Representative Textbooks and Materials:
Instructor prepared materials