



# ARBORICULTURE WORKSHOP OVERVIEW

## COLORADO STATE FOREST SERVICE

Community Forestry Division

**Workshop Objectives:** This workshop is designed to teach and explain arboricultural practices, terms and concepts to individuals interested in adding to or improving their knowledge of trees. Key subjects include: pruning, diagnosis/treatment, plant health care, tree biology, identification & selection, soil & water relations, installation & establishment, nutrition & fertilization, and hazard tree management.

**Workshop Structure:** This workshop will be a combination of lecture, audio-visual, in-class and field demonstrations (time and space permitting).

**Target Audience:** The workshop is designed for all individuals currently working in or involved with tree selection, planting and maintenance. Landscape Architects, Urban Planners, Commercial Arborists, Foresters, City Foresters, Seasonal/Temporary Staff, Tree Care Company Personnel, Consultants, CDOT and Utility Company Personnel, Elected Officials, Students, and Tree Board Representatives are all encouraged to attend.

**Dates and Locations:** Workshops will be conducted throughout the state from the first of October to the end of March, except during the Thanksgiving and Christmas Holidays. Workshops will be Monday through Saturday on a first come – first serve basis.

**Cost:** The cost of attendance will be \$25 per person for a full day workshop, and \$20 per person for a half-day workshop. A minimum of 15 registered individuals will be required to schedule a workshop. Maximum number of registered students is 50.

**Choose What You Want to Hear About!:** An exciting feature of this course is that it allows participants to choose what subjects they would prefer to learn about from a list of tree care topics. The course is designed to cover selected material in either a half-day or one-day workshop format. Please take a few minutes to look over the subject matter on the attached questionnaire and select courses you would like to learn about. Then please FAX or email it back to.....

**For More Information or to Schedule a Workshop:** Please contact any member of the Community Forestry Division of the Colorado State Forest Service:

Ralph Campbell 303-438-6546, Fax 303-465-9048

[rcampbl@lamar.colostate.edu](mailto:rcampbl@lamar.colostate.edu)

Vince Urbina 303-248-7326, Fax 970-248-7317

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# ARBORICULTURE WORKSHOP QUESTIONNAIRE

(Please fill out and return)



## What length of workshop would you prefer?

Half Day (8:30am – Noon) \_\_\_\_\_ = 3 hours class time  
(1:00pm – 4:30pm) \_\_\_\_\_ = 3 hours class time  
Full Day (8:30am – 4:30 pm) \_\_\_\_\_ = 6 hours class time

**Please select topics of interest by placing an X on the line before the topic:**

\_\_\_\_\_ **Tree Biology** (1-hour)

This session will cover tree anatomy (structure) and tree physiology (function) including how a tree is put together, how it grows in its environment and Compartmentalization of Decay in Trees (CODIT).

\_\_\_\_\_ **Tree Identification and Selection** (1-hour)

Colorado is home to over 80 native and introduced tree species. This class will examine each tree's unique characteristics used in identification. Class will also discuss how to choose a superior tree for planting.

\_\_\_\_\_ **Soils/Water Management/Tree Nutrition and Fertilization** (1-hour)

This session will cover topics including soil texture, structure, pH, soil organisms, water management issues, essential elements for tree growth and fertilization methods, advantages and disadvantages.

\_\_\_\_\_ **Tree Installation and Establishment** (1-hour)

There is only one right way to plant a tree. This section will discuss the proper techniques used in successful tree planting. Once a tree is correctly planted certain steps must be followed to ensure proper establishment.

\_\_\_\_\_ **Tree Pruning** (1-hour)

Every planted tree must be periodically evaluated for pruning needs. This class will teach current tree industry accepted pruning methods.

\_\_\_\_\_ **Tree Pruning** (*Field exercise 3 hours*)

Principles taught in the pruning class will be demonstrated out in the field. Students will have an opportunity to prune trees using hand tools (e.g., loppers, saws, and hand shears) that will be provided. Maximum number of students to facilitate the field exercise is 25.

\_\_\_\_\_ **Diagnosis and Plant Disorders/Plant Health Care** (*1-hour*)

Insects, diseases and environmental conditions can negatively impact a tree in the landscape. Some of the more common Colorado tree problems will be reviewed in this class. Solutions to these problems will be discussed.

\_\_\_\_\_ **Trees & Construction** (*1-hour*)

This session will cover effects of construction activities on trees and ways to mitigate construction damage.

\_\_\_\_\_ **Tree Assessment and Risk Management** (*1-hour*)

This session will cover hazard tree management issues, decay and other tree defects.

Other Arboricultural Topics of Interest or Comments (Please List):

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## **A TYPICAL ONE DAY CLASS**

**8:00 to 8:30 – Registration, Introductions and Ground Rules**

**8:30 to 9:30 – Class One**

**9:30 to 9:45 – Break**

**9:45 to 10:45 – Class Two**

**10:45 to 11:45 – Class Three**

**11:45 to 1:00 – Lunch on your own**

**1:00 to 2:00 – Class Four**

**2:00 to 3:00 – Class Five**

**3:00 to 3:15 – Break**

**3:15 to 4:15 – Class Six**

**4:15 to 4:30 – Wrap-up, Questions and Diplomas**

## INSTRUCTORS

**Vince Urbina:** Graduated from Colorado State University with a degree in forestry in 1973. His first real job started in 1974 on the Fort Collins District of the Colorado State Forest Service (CSFS) with the Dutch Elm Disease Control Project. After five years in the urban forests of the Northern Front Range, he left Fort Collins to try his hand at growing peaches and sweet cherries in Palisade, Colorado. For 2½ years he did everything there is do in an orchard. He left Palisade to become the Field Production Foreman and Plant Propagator for Fort Collins Wholesale Nursery. A position he held for ten years. He then returned to the CSFS in 1994. He now works with eight CSFS Districts and their communities on urban forestry projects and issues. Vince has been an ISA Certified Arborist since 1999.

**Keith Wood:** Keith graduated with a degree in Forest Biology from CSU in 1986 and went on to study aspen ecology on the West Slope of Colorado, receiving his Master's degree in 1988. Keith worked for the Missouri Department of Conservation from 1988-1989 and from 1989 to 2002 worked as City Forester for the City of Westminster, Colorado. Since October of 2002 Keith has filled the position of Assistant Staff Forester in the Community Forestry Division of the CSFS, based in the Denver Metro area. Keith has been active with the Colorado Tree Coalition since 1994, serving on the Board of Directors for that organization and as President during 2000 and 2001. He also currently serves on the Board of Directors for the Rocky Mountain Chapter of the International Society of Arboriculture and has been a Certified Arborist since 1995 and a Certified Forester since 2002.

