



Arizona Community
Tree Council, Inc.

Certified Arborist Training: Spring 2010



**The Certified Arborist Training (CAT) course
is designed to prepare
tree care industry workers
for
the ISA Certified Arborist test.**

**Certified Arborist Training sponsored by
THE ARIZONA COMMUNITY
TREE COUNCIL**



Arizona Community
Tree Council, Inc.

Arizona Community Tree Council, Inc.
PMB 159, 3851 E. Thunderbird Rd., #111
Phoenix, AZ 85032

NONPROFIT ORGANIZATION
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PHOENIX, AZ
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Certified Arborist Training: Spring 2010

Sponsored by the Arizona Community Tree Council

Times: 8:00am to 3:00pm (lunch 12:00pm to 1:00pm on your own)

When:	Where:
Friday, March 12, 2010	Vermeer: 55 S. 56th St., Chandler
Friday, March 19, 2010	Vermeer: 55 S. 56th St., Chandler
Friday, March 26, 2010	Vermeer: 55 S. 56th St., Chandler
Friday, April 2, 2010	Vermeer: 55 S. 56th St., Chandler
Saturday, April 3, 2010	Arrowhead Park: 1475 W. Erie St., Chandler
Friday, April 9, 2010	Vermeer: 55 S. 56th St., Chandler

What is Certified Arborist Training (CAT)?

The Certified Arborist Training course is a series of classes designed to prepare students to take the ISA Certified Arborist test. It is also an excellent introduction to the field of arboriculture. Although ISA requires a minimum of 3 years documented field experience before taking the Certified Arborist test, the course is open to all students.

What will I learn?

Classes cover all chapters in the ISA Certified Arborist Study Guide. For details, see the attached course descriptions.

What materials do I need?

An ISA Certified Arborist Study Guide is required for the course. It is included with your registration of all 6 sessions. If you are only attending 1 to 5 sessions, you will need to provide your own, which you can obtain at www.isa-arbor.com.

What is the cost?

The cost of the CAT program for **all 6 classes is \$370** for ACTC members or **\$65 a day for ACTC members**. Non-members **\$470 for all 6 classes or \$100 a day per person**.

When do I need to enroll?

Space is limited and will be reserved on the first come, first served basis. **DEADLINE FOR REGISTRATION IS MARCH 1, 2010.**

How do I enroll?

Please use the enclosed registration form or go to www.aztrees.org to download a printable registration form before March 1st, or call our office at 602-354-3023 and we will fax a copy.

Safety

Learn the safety standards for tree care operations. Learn the hazards of working in proximity to electrical conductors. Learn proper procedures for chain saw operation, and learn about personal protective equipment. Learn first aid procedures.

Tree Support and Protection Systems

Learn when a tree support or protection system might be needed. Learn about the different systems and basic installation concepts. Learn about the limitations and liabilities of installing support and protection systems.

Saturday, April 3

Location– TBD

Outside Activities: Climbing, Equipment, Etc.

This is a hands on, demonstration workshop. Come prepared for outside activities.

Friday, April 9

Vermeer, 55 S. 56th Street, Chandler, AZ

Plant Identification

Learn the terms used in identification of trees and review the appearance of trees listed on the ISA regional identification list.

Taxonomy

This session will examine the tree classification system, the how and why plants are named and their relationships to each other.

Exam Review

Review all fifteen study guide chapters.

DATE FOR ISA EXAM: Saturday, April 17, 2009

PLEASE contact ISA to register for this exam. This class does NOT include the exam and ACTC is not responsible to register you. You MUST register at least 3 weeks in advance of the class to take it. Contact ISA at www.isa-arbor.com or 888-472-8733. REGISTRATION with ISA will also give you your plant ID list which you must know for your exam.

STUDY GUIDE: The ISA Study Guide is required to take the class, it is included if you take all 6 classes. If not, you must provide for your own test.

Tree Nutrition and Fertilization

Become familiar with the essential elements that a tree requires, the various types of fertilizer and the advantages and disadvantages of each. Learn various application methods.

Friday, March 26

Vermeer, 55 S. 56th Street, Chandler, AZ

Pruning

Learn why, when and how a tree should be pruned. Understand the effects of severe pruning on a tree. Learn the relationship of the branch collar and branch size to wound closure and the potential decay.

Plant Health Care

Learn the philosophy of Plant Health Care (PHC), and the Appropriate Response Process (ARP) in the diagnosis and treatment of tree health problems. Become familiar with multiple pest control or treatment options.

Diagnosis and Plant Disorders

Learn the systematic approach to the plant diagnostic process. Learn to recognize the signs and symptoms of tree disorders. Learn what treatments are appropriate. Become familiar with various types of insect and disease problems, also problems caused by living and non-living disorders. Become familiar with multiple pest control or treatment options.

Friday, April 2

Vermeer, 55 S. 56th Street, Chandler, AZ

Tree Assessment

Discuss the process of tree risk management and hazards. Learn how to identify decay in trees. Discuss the liability associated with tree risk management and the role of the arborist.

Trees and Construction

Discuss the impact of construction on trees and the role of the arborist in planning and preservation. Learn treatment methods for trees that have been impacted by construction.

Climbing and Working in Trees

Learn the ANSI Z133.1 standards for tree care operations, and become familiar with safety equipment, ropes, knots and tools. Learn about rigging techniques.

Class Schedule and Course Description

Friday, March 12

Vermeer Facility, 55 S. 56th Street, Chandler, AZ

Tree Biology

Learn the structures and function of the buds, leaves, wood and roots of a tree. Learn the processes of photosynthesis and respiration. Learn the concept of Compartmentalization of Decay in Trees. (CODIT)

Tree Selection and Identification

Learn the site characteristics that should be considered when selecting a tree, and the characteristics of the tree that need to be considered. Learn how to choose healthy stock. Learn how trees are classified and their scientific names. Learn how leaf arrangement, bud and twig characteristics, texture, color, leaf shape and growth habit help identify trees.

Installation and Establishment

Learn the techniques and procedures to plant and transplant trees: the various ways trees are available from nurseries and the proper techniques for planting each; the advantages and techniques of staking and guying and the special requirements of newly planted trees.

Friday, March 19

Vermeer Facility, 55 S. 56th Street, Chandler, AZ

Water Management

Learn about the movement of water in the soil, and the effects of excess or insufficient soil water. Become familiar with different methods of irrigation and the advantages and disadvantages of each. Learn the principles of evapotranspiration, infiltration and water-holding capacity. Discuss mulch and its advantages and application.

Tree/Soil Relations

Learn the effects of soil texture and structure on soil compaction, drainage and tree roots. Understand the rhizosphere and the function of mycorrhizae. Understand the relation between soil moisture, absorption of essential elements and root growth.



Arizona Community
Tree Council, Inc.

Certified Arborist Training: March-April 2010

Registration Form

BY FAX: Complete this form with credit card information and fax to the ACTC at **(602) 494-1826**

BY MAIL: Complete this form & mail with your payment to:
ACTC
PMB 159, 3851 E. Thunderbird Rd., #111
Phoenix, AZ 85032

Name of Attendee

Name of Company

Business/Mailing Address

City State Zip Code

Telephone Fax

E-Mail Address

PAYMENT METHODS: (if using check, make payable to **ACTC**)

____ Check (enclosed) ____ VISA ____ Mastercard ____ AMEX

Credit Card Number Expiration Date

Security code _____ (last 3 digits on back of card)

Name of Cardholder

Signature of Cardholder

Cancellations – No refunds, your registration fee will be donated to the Arizona Community Tree Council.

For more information call: Arizona Community Tree Council at 602-354-3023
REGISTRATION DEADLINE IS MARCH 1, 2010

Please check date(s) you will be attending:

6 CEU's per training day

“Required material for Training: **Arborists’ Certification Study Guide**

____ March 12, 2010 Tree Biology, Installation and Establishment

____ March 19, 2010 Water Management, Tree Soil Relations, Nutrition
And Fertilization

____ March 26, 2010 Pruning, Plant Health Care, Diagnosis and Plant
Disorders

____ April 2, 2010 Tree Assessment, Trees and Construction, Climbing,
Safety, Tree Support and Protection

____ April 3, 2010 Outside Activities: Climbing, Equipment, Etc.

____ April 9, 2010 Plant Identification, Taxonomy, Exam Review

ACTC Member: *Study Guide not included for per day training.

I'd like to sign up for (please check the appropriate days above)

_____ days at \$60 per person per day = \$_____

_____ Full Registration (all 6 days) = **\$370 (Study Guide Included)**

Non Member: *Study Guide not included for per day training.

I'd like to sign up for (please check the appropriate days above)

_____ days at \$100 per person per day = \$_____

_____ Full Registration (all 6 days) = **\$470 (Study Guide Included)**

I'd like to become a member of ACTC to take advantage of the member rate & I am including my \$25 for individual membership.

*Arborists’ Certification Study Guide available from ISA at
www.isa-arbor.com or 888-472-8733.

Class size is limited to 50 first come first serve.