



ALCA
ARIZONA LANDSCAPE
CONTRACTORS ASSOCIATION



This educational program is for those aspiring to be professional landscapers.
ALCA schedules a series of four-hour workshops covering 10 topics.

** Dates and locations are subject to change. **

WHERE: ZOOM Online

In-house attendance is tentatively on hold

Tucson—Randolph Center
Closed until further notice

WHEN: 7:30 am—11:30 am

COST PER WORKSHOP:

Early registration: \$60/ALCA members
\$120/non-members

Register within 72 hours: \$80/ALCA members
\$160/non-members

Workshops are non-refundable

CERTIFICATION: Anyone may attend the workshops to increase their knowledge and skills. Students will become an AZ Certified Landscape Professional when he/she attends 10 workshops and passes all 10 exams.

There are a number of dates to choose from for each of the 10 required workshops listed below:

Plant Identification	Plant Problem Diagnosis
Soils & Fertilizer	Turf Care & Installation
Planting & Tree Staking	Annuals & Perennials
Irrigation Tech	Safety & Tools
Tree & Shrub Pruning	Pesticides & Calibration

REGISTER: www.ALCA.org/calendar

QUESTIONS: Call the ALCA office at (602) 626-7091 or email Heather@ALCA.org

CEUs AVAILABLE:



2021 Workshops	Thursday	Saturday
	Plant Identification	Jan 21
Soils & Fertilizer	Jan 28	
ISA = 3.5 CEUs		
Planting & Tree Staking	Feb 18	Feb 20
Irrigation Tech I	Feb 25	
ISA = 3.5 CEUs / IA = 4 CEUs		
Annuals & Perennials	Mar 18	Mar 20
Plant Problem Diagnosis	Mar 25	
ISA = 3.5 CEUs / PMD = 4 CEUs		
Turf Care & Installation	Apr 22	Apr 24
Plant Identification	Apr 29	
ISA = 3.5 CEUs		
Irrigation Tech I	May 13	
Tree & Shrub Pruning	May 20	May 22
Planting & Tree Staking	May 27	
ISA = 3.5 CEUs / IA = 4 CEUs		
Pesticides & Calibration	June 10	June 12
Annuals & Perennials	June 17	
ISA = 3.5 CEUs / PMD = 4 CEUs		
Safety & Tools	July 15	July 17
Turf Care & Installation	July 22	
ISA = 3.5 CEUs		
Soils & Fertilizer	Aug 19	Aug 21
Tree & Shrub Pruning	Aug 26	
ISA = 3.5 CEUs		
Irrigation Tech I	Sept 16	Sept 18
Pesticides & Calibration	Sept 23	
ISA = 3.5 CEUs / IA = 4 CEUs / PMD = 4 CEUs		
Plant Problem Diagnosis	Oct 21	Oct 23
Safety & Tools	Oct 28	
ISA = 3.5 CEUs / PMD = 4 CEUs		

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5425 E Bell Rd, Ste 105 ♦ Scottsdale, AZ 85254 ♦ (602) 626-7091 ♦ www.ALCA.org



Why Become Certified? The certification process increases knowledge and skills, earns greater respect and enhances the public image of the industry. Let the ACLP program provide the nourishment you need to thrive in this growing profession.

Annuals and Perennials

- Discuss selection and transportation of annuals
- Explain bed preparation for annuals or herbaceous perennials: soil preparation, calculating amendments or mulch needed
- Identify the blooming season for common annuals and herbaceous perennials
- Discuss proper planting techniques
- Discuss flower bed maintenance including irrigation, fertilization, pruning, deadheading and mulching
- Troubleshoot common color bed diseases, insects, weeds and abiotic problems

Irrigation Tech I

- Common irrigation components
- Basic hydraulics
- Calculate precipitation rates
- Irrigation controller programming
- Valve troubleshooting
- Drip irrigation and smart controllers
- Pipe repairs & adjusting sprinklers

Pesticides and Calibration

- Gather health, safety & pesticide use information from product labels
- How to mix, load and apply pesticides so that the product is applied correctly and evenly
- Reduce the risk of contamination to us, other people, animals and the environment by applying pesticides responsibly
- Prevent, recognize & respond to pesticide-related emergencies
- Properly calibrate pesticide application equipment

Plant Identification

- Plant anatomy terminology, scientific names of plants and how to pronounce them
- Explain importance of common & scientific names
- Recognize plants that perform well in Arizona landscapes
- Demonstrate proficiency in identifying plants by their leaves, flowers and fruit
- Distinguish the different types of palms and pines in our region
- Compare and contrast different species within a genus

Plant Problem Diagnosis

- Differentiate between plant stress disorders and biological diseases
- Discuss the importance of proper plant care in an urban environment
- Identify common weeds and recommend appropriate control methods
- Recognize common insects and determine what controls are needed
- Determine if a pathogen is present and if it is treatable
- Identify plant nutrient deficiencies and how to treat accordingly

Planting and Tree Staking

- Tree and shrub selection: right plant - right place
- How to inspect nursery stock for root and structure
- Steps to planting a tree: AZ811, soil percolation testing, planting hole, amendments, tree well, irrigation, and surface mulch
- Participate in hands-on tree planting demonstration
- Demonstrate how to stake a tree: anchor protection, support, tie materials, and alternative staking methods

Safety and Tools

- Selection, use, and maintenance of non-power tools
- Hedge trimmer safety
- Trimmer and brush cutter safety
- Chain saw safety
- DPS Officer will share information about truck and trailer safety and the rules and regulations that apply to these vehicles
- Pre-trip inspections for trucks and trailers
- Weight limits and types of registration
- Loading and covering vehicles correctly

Soils and Fertilizer

- Apply proper techniques in collecting a soil sample for analysis
- Determine soil texture and understand how soil texture relates to Irrigation management
- Take steps to prevent soil compaction and salt accumulation
- Recognize and correct plant nutrient deficiencies
- Select and apply soil amendments and fertilizers at the appropriate rates
- Describe the role of roots in plant health and the importance of soil management to optimize root health

Tree & Shrub Pruning

- Provide basic plant biology as it pertains to pruning, decay, disease and wound closure
- Demonstrate the safe use of basic pruning equipment
- Distinguish types of pruning: crown cleaning, thinning, elevating, reduction and restoration/rejuvenation
- Describe & demonstrate shrub renovation pruning
- Explain common pruning mistakes and how to avoid them

Turf Care and Installation

- Identify the varieties of turfgrass used in the Desert Southwest
- Demonstrate mechanical steps to properly install sod
- Discuss proper cultural practices including mowing techniques, thatch removal, overseeding, fertilization and irrigation for various turfgrass varieties
- Explore problem solving strategies for common turfgrass diseases and pests



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