



This educational program is for those aspiring to be professional landscapers. The Arizona Landscape Contractors' Association schedules a series of four-hour workshops and online exams covering 10 topics designed for interaction and hands-on learning.

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

** Please park in the middle section of the ALCA parking lot and not in front of the businesses **

2019 Workshops	ALCA Office		Tucson
	Thursday	Saturday	Saturday
Plant Identification 	Jan 10	Jan 12	Jan 19
Soils & Fertilizer 	Jan 17		
<i>ISA = 3.75 CEUs</i>			
Planting & Tree Staking 	Feb 7	Feb 9	Feb 16
Irrigation Tech I 	Feb 14		
<i>ISA = 3.75 CEUs / IA = 4 CEUs</i>			
Annuals & Perennials	March 14	March 16	March 23
Plant Problem Diagnosis 	March 21		
<i>ISA = 3.75 CEUs / PMD = 4 CEUs</i>			
Turf Care & Installation	April 11	April 13	April 27
Plant Identification 	April 18		
<i>ISA = 3.75 CEUs</i>			
Tree & Shrub Pruning 	May 9	May 11	May 18
Planting & Tree Staking 	May 16		
Irrigation Tech I 	May 23		
<i>ISA = 3.75 CEUs / IA = 4 CEUs</i>			
Pesticides & Calibration 	June 13	June 15	June 22
Annuals & Perennials	June 20		
<i>ISA = 3.75 CEUs / PMD = 4 CEUs</i>			
Safety & Tools 	July 11	July 13	July 20
Turf Care & Installation	July 18		
<i>ISA = 3.75 CEUs</i>			
Soils & Fertilizer 	Aug 15	Aug 17	Aug 24
Tree & Shrub Pruning 	Aug 22		
<i>ISA = 3.75 CEUs</i>			
Irrigation Tech I 	Sept 12	Sept 14	Sept 21
Pesticides & Calibration 	Sept 19		
<i>ISA = 3.75 CEUs / IA = 4 CEUs / PMD = 4 CEUs</i>			
Plant Problem Diagnosis 	Oct 10	Oct 12	Oct 19
Safety & Tools 	Oct 17		
<i>ISA = 3.75 CEUs / PMD = 4 CEUs</i>			

WHERE:

ALCA Office

5425 E Bell Rd, Ste 105
Scottsdale, AZ 85254

Tucson—Randolph Center

200 S Alvernon Way
Tucson, AZ 85711

WHEN: 7:30 am—11:30 am (ALCA Office)
9 am—1 pm (TUCSON)

COST PER WORKSHOP:

Early registration:

\$60/ALCA members
\$120/non-members

Register within 72 hours:

\$80/ALCA members
\$160/non-members

CERTIFICATION: Anyone may attend the workshops to increase their knowledge and skills. To become certified, students must attend all 10 workshops and complete the online exams. Participants will be declared an AZ Certified Landscape Professional when he/she receives at least a minimum score of 70% on all 10 exams.

REGISTER: www.ALCA.org/calendar




CEUs AVAILABLE:



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



ALCA

ISA =  IA =  PMD = 



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

Irrigation Tech I

- Common irrigation components
- Basic hydraulics
- Calculate precipitation rates
- Irrigation controller programming
- Installation techniques
- Drip irrigation and smart controllers
- Water management tools

Pesticides and Calibration

- Gather health, safety & pesticide use information from product labels
- 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

- Provide plant anatomy terminology, scientific names of plants and how to pronounce them
- 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
- Describe the five basic tree pruning types: crown cleaning, thinning, raising, reduction and restoration
- 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
- Problem solving strategies for common turfgrass diseases and pests



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Brought to you by the Arizona Landscape Contractors' Association

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(602) 626-7091