













2022 SCHEDULE

This educational program is for those aspiring to be professional landscapers. Anyone may attend any or all of the workshops to increase their knowledge and skills. To become certified, students must attend and pass an exam for each of the 10 workshops listed below.

Plant Identification 	Annuals & Perennials	Soils & Fertilizer 	Planting & Tree Staking 	Tree & Shrub Pruning 	Irrigation 	Plant Problems  	Pesticides & Calibration  	Safety & Tools 	Turf Care & Installation
Jan 20 or 22		Jan 27							
			Feb 10 or 12		Feb 17				
	Mar 10 or 12					Mar 17			
April 21			May 26		May 12		Apr 14 or 16		
	June 23			Jun 16 or 18 June 18					May 19 or 21
		Aug 18 or 20 August 20		August 25				Jul 14 or 16 July 16	Jul 21
					Sept 15 or 17 Sept 17		Sept 22		
						Oct 13 or 15 Oct 15		October 20	

WHERE: Zoom Online or ALCA Office 5425 E Bell Rd, Ste 105 Scottsdale, 85254
Tucson—Randolph Center, 200 S Alvernon Way, Tucson 85711

WHEN: 7:30 am—11:30 am / Tucson 9 am—1:00 pm

COST PER WORKSHOP: Early registration: \$60/ALCA member or \$120/non-member
Register within 72 hours: \$80/ALCA member or \$160/non-member

REGISTER: www.ALCA.org/calendar

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



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(602) 626-7091 • www.ALCA.org

CEUS Available:



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.

Annals 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

- Common irrigation components
- Basic hydraulics
- Discuss precipitation rates
- Irrigation controller programming
- Multi-meter demonstration
- Drip irrigation and smart controllers
- Pipe repairs & adjusting sprinklers
- Troubleshooting valves, controllers & 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 morphology & how it pertains to plant identification
- Explain importance of common & scientific names
- Recognize plants common to 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 Problems

- 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 defects
- Steps to planting a tree: AZ811, soil percolation testing, planting hole, amendments, tree well, irrigation, and surface mulch
- Tree planting and staking demonstration
- Effects of staking on plants

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
- Discuss the safe use of basic pruning equipment
- Distinguish types of pruning: crown cleaning, thinning, elevating, reduction and restoration/rejuvenation
- Describe & demonstrate shrub renewal 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



ALCA Brought to you by the Arizona Landscape Contractors' Association
 5425 East Bell Road, Suite 105 ♦ Scottsdale, AZ 85254 (602) 626-7091