



ALCA

CERTIFIED

IRRIGATION TECHNICIAN

The ALCA Certified Irrigation Technician Training (ACIT) Program consists of a 3-day training including hands-on activities focused on the optimization of water usage and the efficiency of existing irrigation systems.



COST

Early Registration

\$525/Members, \$1050/Non-Members

Registration **within 72 hours**

\$682.50/Members, \$1365/Non-Members

DETAILS

Day 1 – October 30: 7:30am – 2:30pm

Site Assessment

Maximizing Efficiency – Part 1

Day 2 – November 6: 7:30am – 2:30pm

Maximizing Efficiency – Part 2

Troubleshooting & Repair

Day 3 – November 13: 7:30am – 1pm

Mandatory in-person attendance

Hands-on Field Day at ALCA

***Attendance of all 3 classes required to receive
ACIT Exam and Certification***

Must have attended and passed the
ACLP Irrigation Class, or equivalent field
experience, including proficient use of
multi-meter to register for ACIT Program

CERTIFICATION

Must attend all 3 classes and pass
ACIT Exam with 80% or higher.

SITE ASSESSMENT

- Evaluate existing irrigation systems using checklist
- Site conditions – general plant health, plant problems, infrastructure problems, water pooling, plant type, microclimate, orientation
- Review plans, draw irrigation diagram
- Irrigation components – inventory and condition
- Zoning stations and controller programming
- Assess system baseline performance
- Determine Precipitation Rates (PR)

MAXIMIZING EFFICIENCY

- Determine how much water and pressure needed
- Manage pressure loss
- Determine plant water needs & calculate ET rates
- Calculate/maximize Distribution Uniformity (DU)
- Calculate run times for maximum efficiency
- Manage irrigation schedule according to ET
- Use water management technology and techniques

TROUBLESHOOTING & REPAIR

- Identify common irrigation malfunctions and identify solutions
- Practice the skills necessary to troubleshoot
- Repairing irrigation lines, sprinkler systems, controllers, and water management technology



REGISTER AT
WWW.ALCA.ORG

FALL 2025
Oct 30, Nov 6, Nov 13



Arizona Landscape Contractors' Association
5425 E Bell Rd, #105, Scottsdale, AZ 85254
(602) 626-7091 | www.ALCA.org

LANDSCAPE IRRIGATION PROFESSIONAL TRACK



ALCA

ARIZONA LANDSCAPE
CONTRACTORS ASSOCIATION

ALCA recommends enrolling in these classes to gain the essential skills and knowledge necessary for advancing your career as a professional in landscape irrigation.

ACLP IRRIGATION: ALCA - IN-PERSON & ONLINE

Register at www.ALCA.org | contact: Frances@ALCA.org

SMARTSCAPE: MARICOPA COUNTY, UofA CO-OP EXTENSION

Register at www.smartscape.org | contact: EWebb1@arizona.edu

AZ CERTIFIED IRRIGATION TECHNICIAN (ACIT): ALCA

Register at www.ALCA.org | contact: Frances@ALCA.org

2-WIRE TRAINING: ALCA

Register at www.ALCA.org | contact: Frances@ALCA.org

ADVANCED SMARTSCAPE: IRRIGATION

Register at www.smartscape.org | contact: EWebb1@arizona.edu

CERTIFIED IRRIGATION TECHNICIAN (CIT): IA

Register at www.irrigation.org | contact: Info@irrigation.org

CERTIFIED LANDSCAPE IRRIGATION AUDITOR (CLIA): IA

Register at www.irrigation.org | contact: Info@irrigation.org

ARIZONA LANDSCAPE CONTRACTORS' ASSOCIATION
5425 EAST BELL RD, SUITE 105, SCOTTSDALE, AZ 85254
WWW.ALCA.ORG | 602-626-7091 | FRANCES@ALCA.ORG