



The ALCA Certified Irrigation Technician (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 before 03/26/2023

\$450/Members \$700/Non-Members

Registration after 03/26/2023

\$550/Members \$800/Non-Members

REGISTER:

www.AZLCA.com/Calendar/2023/3

COURSE DETAILS

Wed, March 29 7:30 am—2:30 pm

Site Assessment & Maximizing Efficiency—Part 1

Wed, April 5 7:30 am—2:30 pm

Maximizing Efficiency Part 2 & Troubleshooting and Repair

Wed, April 12 7:30 am—2:00 pm

Required to attend in-person at ALCA

Hands-on Field Day at ALCA Parking Lot

Lunch will be provided

Must have attended and passed the ACLP Irrigation workshop, or equivalent field experience, including proficient use of a multi-meter

CERTIFICATION:

To become certified, students must attend ALL 3 workshops and pass the exam.

Site Assessment

- ◇ Evaluate existing irrigation system using ALCA's irrigation assessment checklist
- ◇ Site conditions – general plant health, glaring problems, plant type, microclimate
- ◇ Review plans or draw irrigation diagram
- ◇ Irrigation components – inventory and condition
- ◇ Zoning of stations/controller scheduling
- ◇ Assess system baseline performance
- ◇ Determine precipitation rates (PR)

Maximizing Efficiency

- ◇ Determine how much water and pressure is needed
- ◇ Manage pressure loss
- ◇ Determine plant water needs & calculate ET (evapotranspiration) rates
- ◇ Calculate and maximize distribution uniformity (DU)
- ◇ Properly calculate run times for maximum efficiency
- ◇ Manage irrigation schedule according to ET
- ◇ Use water management technology & techniques

Troubleshooting & Repair

- ◇ Identify common irrigation malfunctions
- ◇ Identify options for dealing with the malfunctions
- ◇ Choose the best option for the situation
- ◇ Practice the skills necessary to troubleshoot & repair



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