



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**

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

### **REGISTER:**

[www.AZLCA.com/Calendar/2022/3](http://www.AZLCA.com/Calendar/2022/3)

### **COURSE DETAILS**

**Wed, March 30** 7:30 am—2:30 pm  
Site Assessment & Maximizing Efficiency—Part 1

**Wed, April 6** 7:30 am—2:30 pm  
Maximizing Efficiency Part 2 & Troubleshooting and Repair

**Wed, April 13** 7:30 am—2:00 pm  
*\*Required to attend in-person at ALCA\**  
Hands-on Field Day at ALCA Parking Lot  
5425 E Bell Rd, #105-Scottsdale, AZ 85254  
Lunch will be provided

Must have attended and passed the ACLP Irrigation Tech 1 workshop, or equivalent field experience, including proficient use of a multi-meter

### **CERTIFICATION:**

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

### **Site Assessment**

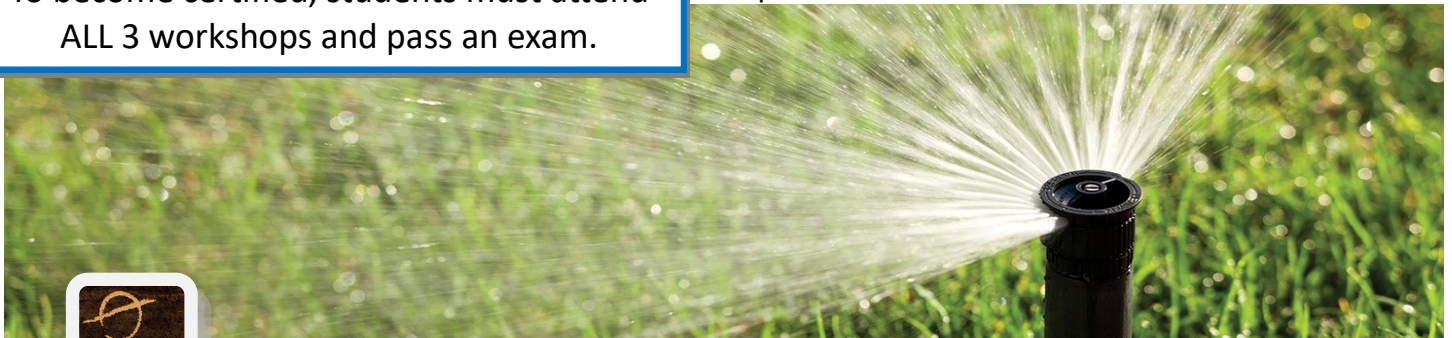
- ◇ Evaluate existing irrigation system using ALCA's irrigation assessment checklist
- ◇ Site conditions – general plant health, glaring problems, plant type, microclimate
- ◇ Review plans or draw irrigation diagram
- ◇ Irrigation components – inventory and condition
- ◇ Zoning of stations/controller 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 rates
- ◇ Calculate and maximize distribution uniformity (DU)
- ◇ Properly calculate run times for maximum efficiency
- ◇ Program "Smartly" – adjust controller schedules using 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  
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