



# CAL POLY

## Irrigation Training & Research Center

# Professional Education Opportunities at ITRC 2026



[www.itrc.org](http://www.itrc.org)

### ITRC

#### Flow Measurement – January 7-9, 2026 March 11-13, 2026

(1 pm on first day – 12 pm on third day)

**Sponsor: USBR California-Great Basin Region**

ITRC is providing several training and educational opportunities for staff, engineers, and water operators of agricultural irrigation districts. These classes utilize the excellent indoor and outdoor facilities at ITRC.

### Chico

#### Flow Measurement – February 18-19, 2026 (9 am - 3 pm)

**Sponsor: USBR California-Great Basin Region**

Provided in cooperation with Chico Farm, this annual flow measurement and canal operation training covers topics including: flow measurement details such as how to properly use a meter gate, how to get more water through various structures, and an introduction to SCADA.

### ITRC

#### Pumps (for Irrigation Districts) – March 4-6, 2026

(1 pm on first day – 12 pm on third day)

**Sponsor: USBR California-Great Basin Region**

Pumps topics covered include types; terms; curves; pumps in series and parallel; system curves; TDH computations; efficiency; WHP, BHP, input HP; pump selection; common pump questions and answers.

### ITRC

#### SCADA (for Irrigation Districts) – full for 2026

(8 am - 5 pm)

**Sponsor: USBR California-Great Basin Region**

This course provides an overview of SCADA systems, starting with electric and electronic fundamentals and moving on to typical technician role and responsibilities.

### ITRC

#### Certified Irrigator Program Training for ITRC Certified Irrigator (8 am - 5 pm)

**Sponsor: CDFA WETA**

#### Certified Irrigator I

Focuses on the basics of irrigation.

Certified Irrigator I (English and Spanish)

January 19-20, 2026

#### Certified Irrigator II

Covers basic pipeline hydraulics, irrigation efficiency, salinity management for drip/micro and drainage and freeze protection.

Certified Irrigator II (English and Spanish)

January 21-22, 2026

*Exam administered after class.*

### ITRC

#### Designer/Manager School of Irrigation (8 am - 5 pm)

The Designer/Manager School is a comprehensive educational program offering a variety of classes designed for agricultural irrigation professionals. See <http://www.itrc.org/classes/desmgr.htm> for details.

#### Irrigation Scheduling

**July 22-24, 2026**

*Training for IA Certified Ag Irrigation Specialist*

Soil texture and structure, water holding capacity, retention, intake rates, evaporation, transpiration, soil classification, measurement of soil moisture and tension, ETo and crop coefficients. *Exam administered after class.*

#### Pipeline Hydraulics

**July 27-28, 2026**

Pipe material & sizes, energy equation, friction, elevation changes, and basic spreadsheet operations.

#### Pumps

**July 29-31, 2026**

Pumps topics covered include types; terms; curves; pumps in series and parallel; system curves; TDH computations; efficiency; WHP, BHP, input HP; pump selection; trimming impellers; common pump questions and answers.

#### Row Crop Drip Irrigation

**August 4, 2026**

Design layouts, flushing, fittings, how design relates to management, hose installation, retrieval.

#### Drip/Micro Irrigation Design

**August 5-7, 2026**

*Training for IA Certified Irrigation Designer*

Filtration, step-by-step design procedure of hardware selection and hydraulics, drip/micro system design, SDI for trees and vines, plugging prevention. *Exam administered after class.*

### ITRC

#### Ag Irrigation System Evaluation Short Course 2026 Training for ITRC Certified Evaluator **Sponsor: DWR**

#### ISE I: Theory and Laboratory Practice of Evaluations.

This 2½-day course will be held **June 15-17, 2026**. The class combines classroom (50%) and outdoor laboratory (50%) activities.

#### ISE II: Field Evaluations of Drip/Micro Systems

This 2½-day class, held on **June 17-19, 2026**, travels to the San Joaquin Valley and performs the entire evaluations on 2 fields.

*Exam administered after class.*

### ONLINE

#### ITRC Online Courses through the Irrigation Association Landscape Irrigation Classes

ITRC has partnered with the Irrigation Association to offer nine online "modules" for CEU credit that cover the basics of Landscape Sprinkler System Design and Landscape System Auditing. Registration is available through the Irrigation Association.

### ONLINE

#### Fertigation

*Training for ITRC Certified Fertigator*  
Online class available now!

**Sponsor: CDFA FREP**

The class will cover new techniques in the control and application of fertilizers through irrigation systems and strategies to conform with the intent of the new nitrogen regulations in California. Increasing yields per acre-foot of evapotranspiration (ET) through better fertility management, will also be discussed – a key topic for California growers. *Exam administered after class.*