



Summer 2026

ITRC

**Ag Irrigation System Evaluation Short Course
POSTPONED**

ISE I: Theory and Laboratory Practice of Evaluations.

This 2½-day course combines classroom (50%) and outdoor laboratory (50%) activities.

ISE II: Field Evaluations of Drip/Micro Systems

This 2½-day class travels to the San Joaquin Valley and performs the entire evaluations on 2 fields.

ONLINE

**Ag Irrigation System Evaluation
Training for ITRC Certified Evaluator**

The online materials present the theories and procedures of drip/micro irrigation system evaluations through videos in conjunction with the ITRC textbook *Drip and Micro Irrigation Design and Management for Trees, Vines, and Field Crops*.

Exam administered after class.

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.

ITRC

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

The Designer/Manger 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.*

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. Registration is available through the Irrigation Association.

Winter 2027

ITRC

**Flow Measurement – January 2027
February 2027
(8 am - 5 pm)**

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 2027
(9 am - 4 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) – February 2027
(8 am – 5 pm)**

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) – 2027
(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.