

FLOW MEASUREMENT CLASS

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Mid-Pacific Region*

The Irrigation Training & Research Center (ITRC) at Cal Poly State University, San Luis Obispo, will be presenting a 2 day field course for staff, field operators, engineers, and board members of agricultural irrigation/water districts. This will be a custom class for operators can be designed for the conditions at the Walker River Irrigation District

Course Topics

Flow Measurement – Pipelines

Principles of flow measurement for open and closed systems; common measurement devices: propeller, magnetic meters, venturi, metergate; how to take accurate readings; common accuracy issues.

Flow Measurement – Canals

Equations for canals; weirs and flumes; corrections for common problems; current metering techniques.

Canal Operations

The service concept, including farmer constraints and needs; purposes of different check structures; water level vs. flow rate control; minimizing tailender problem while still achieving good service; how to get more water through various structures; introduction to SCADA; interaction between canals and turnouts.

Custom Class:

**August 28-29, 2018 at the Walker
River Irrigation District**

8am - 3pm with breaks at 10:30 and Noon

*Fee: \$60/person for all U.S. irrigation districts;
\$450/person for participants from outside the U.S.
All fees include class materials and software.

Ways to Register:

Email: sstyles@calpoly.edu

Phone: 805-756-2434

In Person: WRID Office 410 N Main Street

Phone: 775-463-3523

Email: water@wrid.us



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