

Professional Engagement Opportunities

CE-CERT's mission is to educate future generations of engineers, scientist and policy makers, and to conduct research in the areas of air quality, energy and transportation.



UCR offers several learning opportunities for agencies, working professionals, and continuing students. Depending on the type of class, UCR will work with our Department of Education, UCR Extension, or College to formulate a class that meets the needs of your group of 10 or more attendees. UCR can arrange to issue Continuing Education Credits, UCR Extension certificates, or college credits depending on the types and duration of the courses.

Learning Formats

- Short Course (1-2 day Lecture & Lab, up to 12 people)
- Extension Course (10 weeks, up to 12 people)
- Regular University Course (10 weeks, one or more people)
- Internship (1 person, over the course of 3 months)
- Workshop (intended for groups of 100 or more)

Topic Areas Specifically for Water and Power Professionals

- Using a Portable Smart Meter – How to operate, download and perform analysis.
- Introduction to Energy Management Systems (EMS) for Industrial and Commercial Buildings.
- Water Supply System SCADA and EMS
- HVAC System SCADA and EMS
- Industrial Facilities SCADA and EMS
- Power Quality and Harmonics Measurement and Training
- Reactive Power and Power Factor Correction
- Reduction of Distribution Feeder Overload using Battery Energy Storage System (BESS) and Power Factor Correction
- Learn about the AMI system
- Or, suggest a course topic and we can design a course for you (within our expertise).

If you are interested in partnering with CE-CERT on your STEM or professional related opportunities please contact, Kathy Vang, kathyv@cert.ucr.edu, Marketing and Outreach Specialist. CE-CERT will be happy to assist in developing a program to fit your needs.