



Date:

Friday, March 26, 2010

Time:

2:30 p.m. – 2:50 p.m.

Presentation:

“CERET Train the Trainer Academies and Renewable Energy Certificate”

Kenneth A. Walz, Instructor, Madison College

The CERET Train the Trainers Academies are designed to provide high school teachers and two-year college instructors with hands-on experience and instructional training necessary to incorporate renewable energy technology into their own classrooms. The academies are taught by veteran industry experts, and are based on existing programs certified by national training/accrediting bodies such as the National Alternative Fuel Training Consortium and the Institute for Sustainable Power Quality. Two academies will be offered each summer in a staggered pattern to meet the scheduling needs of teachers. Funding through the National Science Foundation allows CERET to provide teachers with stipends to offset the costs of tuition, travel, room and board for the class.

The Train the Trainer Academies are coordinated with the Midwest Renewable Energy Association's Train the Trainer grant from the Department of Energy. They are also coordinated with CERET's Renewable Energy Certificate. Several CERET certificate graduates will share their experiences with this credential. Find out how CERET is helping other schools adapt the certificate model.

Presenter Biography:

Ken Walz

Ken Walz is a veteran chemistry and engineering instructor at MATC, with over 10 years of teaching experience in high school, technical college, and university settings. He currently serves as an adjunct professor with the KEEP Program and the University of Wisconsin System. He is the Principal Investigator for Consortium for Education in Renewable Energy Technologies (CERET), NSF/DUE #0903293. In this role, he is responsible for the coordination and implementation of the Train the Trainer Academies. Walz has a strong background in science and engineering, and he teaches a graduate course in Teaching Methods for Science Technology, Engineering, and Math Education through the University of Wisconsin Delta program and the Center for Integrating Research Teaching and Learning (CIRTL), NSF 0227592. In his role with Delta, Walz has mentored 8 graduate student teaching interns, and has advised 3 students who earned CIRTL teaching certificates while completing their graduate studies. In the summers of 2008 and 2009, Walz was appointed to the Department of Energy Academies Creating Teacher Scientists (DOE ACTS) program at the National Renewable Energy Laboratory (NREL) in Colorado, further enhancing his qualifications as a Master Teacher.