Innovative Drivetrains in Electric Automotive Technology Education (IDEATE)

Two campuses of the University of Colorado are pleased to offer Department-of-Energy supported programs in electric drivetrain technology, battery controls, and vehicle power electronics.

The Graduate Certificate in Electric Drivetrain Technology has been designed to provide professionals involved in power electronics, battery controls, and/or automotive industries the capability and motivation to continue with post-graduate education. These potential students may not wish to pursue a comprehensive Masters of Science program at this time but nonetheless desire to increase their professional capability and enhance career advancement opportunities.

The University of Colorado Colorado Springs also offers a Masters of Science in Electrical Engineering degree option in Battery Controls. The University of Colorado Boulder offers an informal Masters of Science in Electrical Engineering emphasis area in Vehicle Power Electronics. Students interested in battery controls should contact Dr. Plett at UCCS; students interested in vehicle power electronics should contact Dr. Zane at CU-Boulder.

All coursework is available on-line to distance students. Furthermore, a limited number of Department-of-Energy sponsored Graduate Automotive Technology Education (GATE) Fellowships are available to assist with tuition. The student may choose to apply for these fellowships when applying to the program.

For more information on these programs, confer http://mocha-java.uccs.edu/ideate/ or contact:

University of Colorado Colorado Springs
Dr. Gregory L. Plett
Department of Electrical and Computer Engineering
University of Colorado Colorado Springs
1420 Austin Bluffs Parkway
Colorado Springs, CO 80918
voice: (719) 255-3468; Fax: (719) 255-3589
email: gplet @ uccs.edu

University of Colorado Boulder
Dr. Regan A. Zane
Department of Electrical, Computer and Energy Engineering
University of Colorado Boulder
ECEE 1855, UCB 425, Engineering Drive
Boulder, CO 80309-0425
voice: (303) 735-1560; Fax: (303) 492-2758
email: zane @ colorado.edu