Colorado School of Mines invites applications for part-time positions as an Adjunct Instructor in the College of Engineering & Computational Sciences (CECS) Multidisciplinary Engineering Laboratory III (MELIII) course to provide instruction and project oversight to student teams in this laboratory-based course.

Located in Golden, in the foothills of the Rockies, 13 miles west of Denver, Mines educates 5,600 students in undergraduate and graduate degree programs in engineering and science.

The adjunct lab instructor will enhance laboratory curriculum and implement, oversee, and ensure the quality of laboratory instruction and lab demonstrations. Instructor will also grade all lab reports and advise student lab groups on practical engineering implementation issues.

**Responsibilities:** Adjunct instructors primarily oversee and meet with each of their sections once per week. Each section is scheduled for three hours per section where the instructor evaluates and assists student teams with their lab projects. Day and evening sections are currently available.

As an adjunct lab instructor, you will be primarily responsible for the following items:

- Meeting with 5-6 student teams once a week (for 3 hours) during the scheduled section time slot.
- Grading of all lab reports produced by your teams. Rubrics are available to assist with grading and some class time is devoted to grading.

**Qualifications:** Candidates must hold an undergraduate degree in Civil, Electrical, Environmental, or Mechanical Engineering or closely related discipline AND either:

- Professional experience in their engineering field (2+ years)
- A master’s degree in engineering or a related field

Candidates with an active PE license and/or with demonstrated teaching experience at the undergraduate level will be given preference. Applicants must demonstrate, or show evidence of, excellent written, oral communication and interpersonal skills.

Applicants should have physics and engineering knowledge and be comfortable with laboratory equipment, computer-controlled instrumentation, signal conditioning and mathematical and computer modeling for a variety of systems including electrical, mechanical, mechatronic, fluidic, feedback controls, materials, and chemical systems. A LabVIEW programming background would be helpful.

**How to Apply:** Applicants must submit a letter of interest and curriculum vitae to Jeff Schowalter at jschowal@mines.edu

Mines encourages applications from qualified candidates who will contribute to the diversity and excellence of our academic community through their teaching, and service.

*Mines is an EEO/AA employer and is committed to enhancing the diversity of its campus community. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.*

*Employment with Mines is contingent upon the satisfactory completion of a background investigation.*