

Adjunct Instructor

Colorado School of Mines invites applications for a part-time position as a Faculty Advisor in the College of Engineering & Computational Sciences (CECS) Capstone Design Program to provide teaching and project oversight to student teams in Senior Design.

The College of Engineering & Computational Sciences Senior Design Course is a creative multidisciplinary design experience emerging from combined efforts in civil, electrical, mechanical, and environmental degree programs in engineering. Within the engineering community it is widely believed that many of the challenges which are facing practicing engineers, now and in the 21st century, can best be met by exploiting multidisciplinary approaches. This Program in Senior Engineering Design has been established to demonstrate the value and ingenuity which can be derived from cooperative design efforts among traditional engineering disciplines.

For more information on the Senior Design course please see the course website:

<http://capstone.mines.edu/>

Responsibilities: Senior Design is held Tuesdays and Thursdays from 8am to 11am. Lectures are delivered by the course faculty on designated days and the remaining time is used for you (as a Faculty Advisor) to meet with, evaluate, and assist student teams.

As a Faculty Advisor (FA) you will be responsible for the following items:

- Meeting with 4-5 assigned student teams at least once a week (for 30-40 minutes each) during the 8am to 11am T/Th time slot
- Attending bi-weekly FA meetings which are typically held at 11am on Thursdays
- Attending the Trade Fair event which is held once per semester before graduation
- Grading of all deliverables produced by your teams. Rubrics are available to assist with grading and some class time is devoted to grading.
- From time to time you will be asked to cross-grade another FA's team in an effort to level expectations

Qualifications: Candidates must hold an undergraduate degree in Civil, Electrical, Environmental, or Mechanical Engineering or closely related discipline AND either:
(1) professional experience in engineering design (2+ years)
(2) 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 are given preference.

Compensation: \$5,600 per semester, for an expected commitment of two semesters.

How to Apply: Applicants must send a letter of interest and curriculum vitae to:

jdean@mines.edu

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.