

Assistant or Associate Professor

DEPARTMENT: **Geological Engineering**

Employment Detail: Permanent, Full-Time

Montana Technological University invites applicants for a tenure-track faculty position in the Department of Geological Engineering. The department (<https://www.mtech.edu/mines-engineering/geological/index.html>) is one of the founding departments in what was once the Montana School of Mines in Butte, Montana, a small city with great historical and geological significance in the mountains of western Montana.

The department houses an ABET-accredited bachelor's degree program in geological engineering and options in Montana Tech's geosciences master's program (geological engineering, geology, hydrogeological engineering, and hydrogeology). Planning for a PhD program is ongoing. Typical undergraduate and graduate enrollments are around 50 and 20 students, respectively. Our state-of-the-art laboratory facilities contain a wide variety of testing equipment for rock and soil, including a 300,000 lb triaxial load frame and an earthquake shake table. Also available within the department are equipment for rock and ore mineral identification, hydrogeological, geochemical, and geophysical research, extensive computing and modeling software, and a small fleet of research UAVs. An underground facility is available for teaching and research on the Montana Tech campus.

We are seeking a dynamic student-oriented individual with a desire to engage undergraduate and graduate students in hands-on learning and research. The ideal candidate would have a PhD in geological engineering or related field (civil engineering, geology, etc.) with expertise that complements that of the other four faculty in the department; a minimum of one degree in engineering at the bachelor's, master's, or doctoral level is required. The successful candidate will be expected to teach a mix of lower-level required courses and upper-level courses in the candidate's specialty, while building a strong research program capable of securing external funding and providing significant service to the campus and the profession. Many opportunities exist for developing research programs in collaboration with other members of the department and related departments on campus, such as Mining, Metallurgical, Geophysical, Civil, Environmental, and Petroleum Engineering, Chemistry and Geochemistry, and the Montana Bureau of Mines and Geology (the state geological survey).

DUTIES:
Responsibilities include teaching core and optional undergraduate and graduate courses in the broad field of geological engineering, and possibly service courses for other departments. Topics of specialty must complement the four other faculty members in the department. Active scholarship and service to the department and college is expected.
REQUIRED QUALIFICATIONS:
<ul style="list-style-type: none"> • An earned Ph.D. in Geological Engineering or related field (Civil Engineering, Geology, etc.); • At least one engineering degree.
REQUIRED SKILLS:
<ul style="list-style-type: none"> • Ability and desire to teach at the undergraduate and graduate levels
PREFERRED QUALIFICATIONS:
<ul style="list-style-type: none"> • A commitment to excellent teaching at all university levels; • Evidence of ongoing scholarly activity; • Workplace experience in an aspect of geological engineering.
<p>To apply, please submit the following items: 1) Letter of application, 2) Resume, 3) Name and contact information for 3 professional references How to Apply: http://montanatechuniversity.applytojob.com/apply Applications received by February 15, 2019, will be guaranteed full review and consideration. Applications received after that date may be considered until an adequate applicant pool has been established.</p>

Montana Tech is committed to providing a working and learning environment free from discrimination. As such, the University does not discriminate in the admission, access to or conduct of its educational programs and activities nor in its employment policies and practices on the basis of race, color, religion, national origin, ethnicity, creed, service in the uniformed services (as defined in state and federal law), veteran status, gender, age, political beliefs, marital or family status, pregnancy, physical or mental disability, genetic information, gender identity, gender expression, or sexual orientation or preference. In support of the University's mission to be inclusive and diverse, applications from qualified minorities, women, veterans and persons with disabilities are highly encouraged. Montana Tech makes accommodation for any known disability that may interfere with an applicant's ability to compete in the hiring process or an employee's ability to perform the duties of the job. In compliance with the Montana Veteran's Employment Preference Act, Montana Tech provides preference in employment to veterans, disabled veterans, and certain eligible relatives of veterans. To claim veteran's preference please complete the employment (veteran's) preference form located on the employment page. To request an accommodation, contact Cathy Isakson 406-496-4380; cisakson@mtech.edu

Any offer of employment is contingent upon a satisfactory criminal background check.