NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY

# Tenure-Track Assistant Professor of Mineral Engineering

The Department of Mineral Engineering at the New Mexico Institute of Mining and Technology (New Mexico Tech) invites applications for a tenure-track Assistant Professor position in Mineral Engineering, with a preferred start date in Spring 2027. The position will remain open until filled. Priority will be given to applicants with strong expertise in geomechanics and underground mining. Expertise in artificial intelligence (AI), particularly applications relevant to mining and mineral engineering, and/or blasting is also desirable.

Required qualifications include: (1) a Ph.D. in Mining Engineering; (2) the ability to establish an independent, externally funded, and collaborative research program that supports graduate and undergraduate students at a small institution; (3) the ability to teach undergraduate courses in Mining Engineering as well as graduate courses in the applicant's area of expertise; and (4) the ability to support student academic success by engaging and encouraging students from diverse academic, socioeconomic, and cultural backgrounds. Salary is commensurate with experience and qualifications and will be determined in accordance with New Mexico Tech's policies and procedures for appointment, promotion, and tenure.

**Department Description:** The Department of Mineral Engineering is committed to providing an outstanding educational environment for its students. Applicants are expected to demonstrate a strong interest in and commitment to excellence in undergraduate and graduate teaching, as well as the potential to develop a high-quality research program that advances the department's teaching and research mission.

The department offers a collegial and collaborative environment with broad opportunities for interdisciplinary research. Current research strengths include geotechnical and geomechanical engineering, mineral exploration and mineral economics, and mining health and safety. Faculty have opportunities to collaborate with colleagues within Mineral Engineering and across other programs at New Mexico Tech, as well as to develop collaborations with nearby Sandia National Laboratories and Los Alamos National Laboratory.

The department offers B.S., M.S., and Ph.D. degrees in Mineral Engineering. We welcome applicants whose experience, interests, and plans for teaching, research, and service will contribute to our commitment to excellence in educating future engineers. As a small and collegial department, we value a supportive working environment, a healthy work-life balance, and enthusiastic mentoring of both undergraduate and graduate students.

The department maintains advanced laboratories supporting teaching and research in soil mechanics, rock mechanics, mine ventilation, mining health and safety, petrography, and geochemistry.

**University Description:** New Mexico Tech is a public, doctoral degree-granting university with a long-standing focus on science, technology, engineering, and mathematics. Founded in 1889 as the New Mexico School of Mines, the university combines rigorous education with a strong culture of research, innovation, and hands-on learning. Faculty and students engage in interdisciplinary, collaborative research supported by specialized research centers and facilities, with opportunities to partner with industry, government agencies, national laboratories, and other academic institutions. New Mexico Tech is located in Socorro, New Mexico, approximately 75 miles south of Albuquerque,

and offers a close-knit academic community with extensive opportunities for student involvement in research.

**Application Details:** Applications are being accepted now and will remain open until the position is filled. Candidates must apply by email and attach a single PDF document containing all of the following: (1) a cover letter describing how the applicant's experience, interests, and strengths align with the required qualifications for the position at New Mexico Tech; (2) a curriculum vitae (CV); (3) a research statement describing research interests, approach, and specific research plans (3-6 pages); (4) a teaching statement describing instructional experience, courses the applicant would be comfortable teaching, and the applicant's approach to engaging and encouraging students from diverse backgrounds (2 pages); and (5) a list of three to five professional references, including at least three individuals willing to provide letters of recommendation upon request. Please do not include transcripts, publications, or other materials not requested above.

Send application materials to nmtjobapps@npe.nmt.edu, c/o Jessica Dennis, and copy mehrdad.razavi@nmt.edu. Use "Mineral Engineering Faculty Application 2027" as the email subject line.

**Equal Employment Opportunity:** New Mexico Tech is committed to creating a community in which a diverse population can learn, live, and work in an atmosphere of tolerance, civility, and respect for the rights and sensibilities of each individual. New Mexico Tech is an Equal Opportunity Employer. All those interested in the position are encouraged to apply, including women, individuals from marginalized groups, and persons with disabilities.

**Benefits:** New Mexico Tech offers excellent benefits, including health, vision, and dental coverage; a tuition fee waiver; a generous retirement plan; and access to an on-campus childcare center.

**Regional Attractions:** New Mexico Tech is located in Socorro, in the scenic Rio Grande Valley of central New Mexico, approximately 75 miles south of Albuquerque and 139 miles south of Santa Fe. Nearby mountains and desert canyons provide excellent opportunities for hiking, climbing, and mountain biking. The Bosque del Apache National Wildlife Refuge, located just south of Socorro along a major north-south migratory flyway, offers some of the best birding in the United States.