

Open Rank Faculty - Geotechnical and Materials
Engineering
Tennessee Tech University

Direct Link: <https://www.AcademicKeys.com/r?job=264388>

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Posted Oct. 23, 2025, set to expire Mar. 7, 2026

Job Title	Open Rank Faculty - Geotechnical and Materials Engineering
Department	Civil & Environmental Engineering https://www.tntech.edu/engineering/cee/
Institution	Tennessee Tech University Cookeville, Tennessee
Date Posted	Oct. 23, 2025
Application Deadline	Dec. 20, 2025
Position Start Date	Aug. 1, 2026
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Geotechnical Engineering - Other Engineering - Other Material/Metallurgy Geotechnical Material/Metallurgy
Job Website	https://jobs.tntech.edu/postings/19343
Apply Online Here	https://jobs.tntech.edu/postings/19343
Apply By Email	
Job Description	

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The Department of Civil and Environmental Engineering (CEE) at Tennessee Tech University invites applications for an **Open Rank position (Assistant/Associate/Full Professor)**. All areas of civil and environmental engineering will be considered, but there is particular interest to expand our teaching and research capabilities in geotechnical and materials engineering. This is a full-time, nine-month position to begin August 1, 2026.

Tennessee Tech University is classified as a doctoral university-high research activity (R2) institution located in the scenic Upper Cumberland Plateau, along Interstate I-40, between Nashville and Knoxville, and within proximity to many state and national parks. With more than 3,200 students, the College of Engineering is Tennessee Tech's largest college and is experiencing significant growth with a 15% growth in enrollment and over 600% growth in research awarded over the past five years to over \$40M awarded in the last fiscal year. Construction of the 100,000 square foot Ashraf Islam Engineering Building was completed in spring 2024. This building houses state-of-the-art environmental engineering and water resources labs in addition to a unique living, outdoor environmental laboratory. The building is fully instrumented as a smart building for live monitoring and analysis. Furthermore, construction of the 80,000 square foot Advanced Construction and Manufacturing Engineering building – housing advanced high bay structural testing, concrete materials and soils testing, and mechanical behavior of materials testing laboratories – is slated to begin Spring 2026. The CEE department is home to approximately 370 undergraduate and 20 graduate students with 14 full-time faculty. More information can be found at <http://www.tntech.edu/cee>. The successful candidate will be able to leverage well-developed opportunities with the Tennessee Valley Authority, the US Army Corps of Engineers, the Tennessee Department of Transportation, and Oak Ridge National Lab in partnership with the state-funded Water Center, the new Nuclear Engineering program, and the Center for Energy Systems Research, among many other opportunities.

The successful candidate will be responsible for teaching undergraduate and graduate courses, developing new courses in their area of expertise, developing an externally funded research program, and providing service to the department, college, university, and profession.

Tennessee Tech is an Equal Opportunity/Affirmative Action employer.

The successful candidate will be responsible for teaching undergraduate and graduate courses, developing new courses in their area of expertise, developing an externally funded research program, and providing service to the department, college, university, and profession. Teaching of related courses in the curriculum may also be required depending upon the candidate's area of expertise and the needs of the department. Participation in the senior design course is expected.

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Minimum qualifications include a B.S. in an engineering field from an accredited institution; Ph.D. in Civil Engineering or closely related engineering field from an accredited institution by the start date of employment; potential for complementary and interdisciplinary research activities; potential to develop and maintain an externally-funded research program leading to national recognition; potential for excellence in teaching and scholarly activities; potential to teach core courses and develop new courses related to area of expertise; have a demonstrated record of peer-reviewed scholarship; and excellent written and oral communication skills.

Preferred qualifications include a B.S. in Civil Engineering or closely related field; Professional Engineer (PE) licensure; industry experience; experience with physical testing and/or modeling of construction materials; a track record of excellence in teaching; evidence of grantsmanship, research, and scholarly activities; and evidence of professional and scholarly services.

Salary is commensurate with education and experience. Full-time, nine-month, tenure-track position to begin August 1, 2026.

The University offers a competitive benefits package. Benefits include the accumulation of one (1) sick leave day per month and thirteen (13) University holidays. Other benefits include medical and life insurance (shared cost with the university), retirement, optional 401k, and educational benefits. Deferred income and benefits over 12 months.

All applicants will be required to apply online at <https://jobs.tntech.edu>. Applicants are required to electronically upload a cover letter describing the candidate's experience; curriculum vitae; teaching philosophy; statement on potential research activities; contact information for three professional references who will be contacted via email if selected for interview; and a copy of transcripts (official transcripts for all degrees conferred required upon hire). Submission of materials is the applicant's responsibility. Applications without all required materials will be classified as incomplete and will not be considered. Review of applications will begin December 20, 2025; open until filled.

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Tennessee Tech University is an AA/EEO employer and does not discriminate on the basis of race, color, religion, ethnic or national origin, sex, disability, age (40 and over), status as a protected veteran, genetic information or any other category protected by federal or state law. Inquiries regarding the nondiscrimination policies should be directed to equity@tntech.edu.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Donna Walls
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