

Assistant/Associate Professor (Open Rank) - Construction
Engineering Management - Civil Engineering
University of Texas Rio Grande Valley

Direct Link: <https://www.AcademicKeys.com/r?job=267809>

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Posted Nov. 4, 2025, set to expire Feb. 28, 2026

Job Title	Assistant/Associate Professor (Open Rank) - Construction Engineering Management - Civil Engineering
Department	Construction Engineering and Management http://www.utrgv.edu/cecs/
Institution	University of Texas Rio Grande Valley Edinburg, Texas
Date Posted	Nov. 4, 2025
Application Deadline	01/12/2026
Position Start Date	Available immediately
Job Categories	Associate Professor Assistant Professor
Academic Field(s)	Construction Engineering/Management Civil Engineering
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Job Description

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**Assistant/Associate Professor (Open Rank) - Construction Engineering Management - Civil
Engineering**

Job Class Code: 10031

FLSA:

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Exempt

Posting Number: FRGV1894

Location: Rio Grande Valley, Texas

Division/Organization: Provost - Academic Affairs

Appointment Period for Non-Tenure Position:

Tenure Status: Tenure Track

FTE: 1.0

Scope of Job:

We seek applicants who are dedicated to serving The University of Texas Rio Grande Valley's student body as a Tenure-Track Assistant/Associate Professor (Open Rank) of Civil Engineering, with a focus on Construction Engineering and Management (CEM), beginning in the 2026-2027 academic year.

The successful candidate is expected to develop and teach undergraduate and graduate courses related to CEM topics, such as construction surveying, construction methods and equipment, construction estimating, construction scheduling, construction planning and management, construction finance, contracts and alternative dispute resolution, and construction safety. Preference will be given to candidates who can teach construction surveying, construction methods and equipment, and construction estimating. The successful candidate is expected to demonstrate the ability to conduct high-quality research, attract external funding, and collaborate with other researchers within the department and the college. Examples of expected research areas include Human-Computer Interaction (AR/VR), Scan-to-BIM, Construction Safety, Project Delivery, AI and Data Analytics, Smart Construction, Sustainability, Disaster Resilience, and Digital Twins.

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Preference will be given to candidates who can establish or contribute to multidisciplinary research initiatives that align with the research centers affiliated with our department, particularly NSF CREST Center for Multidisciplinary Research Excellence in Cyber-physical Infrastructure Systems (MECIS), USDOT Safety21 National University Transportation Center, and USDOT University Transportation Center for Railway Safety (UTCRS) (see more details here:

<https://www.utrgv.edu/cecs/departments/cive/research/index.htm>) as well as the newly established interdisciplinary Ph.D. programs at the College of Engineering and Computer Science, including the Materials Science and Engineering program and the Computer Science with Interdisciplinary Applications program (see more information here: <https://www.utrgv.edu/programs/phd-materials-science-engineering.htm> and <https://www.utrgv.edu/programs/phd-computer-science-interdisciplinary-applications.htm>). This position also entails a strong commitment to service within the department, college, and university, including mentoring students, participating in outreach activities, and developing internship and professional mentoring programs.

About UTRGV: UTRGV serves the Rio Grande Valley and beyond via an innovative and unique multicultural education dedicated to student access and success. By championing leading research, healthcare, and application of university discoveries, we support sustainable development, community engagement, and well-being. The University of Texas Rio Grande Valley (UTRGV) is committed to building and sustaining a highly qualified and talented faculty to pursue excellence in everything that we do, including teaching, research, and service. Drawing on our unique identity as the leading Hispanic-Serving Institution in a bilingual and bicultural environment, UTRGV will promote student access and success by building from strength in education and creating a vibrant campus experience. By 2027, we will accelerate transformation in the Rio Grande Valley and beyond by driving meaningful advancements in research and creative works, expanding access to high-quality and affordable healthcare, and fostering authentic community engagement and integration. UTRGV is a distributed campus, one university spanning four counties and multiple locations. Our purpose is to be a university for the entire Rio Grande Valley and beyond. Over 91% of the students enrolled at UTRGV identify as Hispanic, making UTRGV one of the top 3 universities with the highest percentage of Hispanic students. For additional information, please visit [UTRGV website](#).

Department Background: The UTRGV Civil Engineering Department is dedicated to delivering a comprehensive and high-quality education that prepares students for leadership roles in the civil engineering field. The department offers a Bachelor of Science in Civil Engineering (BSCE) and a Master of Science in Civil Engineering (MSCE), equipping students with the foundational and advanced knowledge necessary to excel in various civil engineering practices. Accredited by ABET, the programs ensure adherence to the highest standards of engineering education. The curriculum

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spans multiple civil engineering disciplines, including Structural, Geotechnical, Transportation, Water Resources, Construction, and Environmental Engineering. The department has experienced consistent growth in student enrollment, reflecting the rising demand for civil engineers in the Rio Grande Valley and beyond, with over 850 students currently enrolled. Fostering a collaborative learning environment, the department encourages hands-on experiences through internships, research projects, and involvement in professional organizations like the American Society of Civil Engineers (ASCE) and the Texas Society of Professional Engineers (TSPE). With a diverse faculty of over 18 full-time professors, the department emphasizes cutting-edge research in sustainable infrastructure, smart cities, climate change impacts, and advanced materials, providing students with opportunities to engage in real-world challenges through competitive research funding.

College Background: The College of Engineering and Computer Science (CECS) is one of the fastest growing colleges at UTRGV. The College recently founded a Ph.D. program in Computer Science with Interdisciplinary Applications and an interdisciplinary Ph.D. program in Materials Science and Engineering. The College also houses several research centers such as the Center for Advanced Manufacturing Innovation and Cyber Systems (CAMICS), the Center for Nanotechnology, the Industrial Assessment Center, the NSF Center for Multidisciplinary Research Excellence in Cyber-Physical Infrastructure Systems (MECIS), the University Transportation Center for Railway Safety (UTCRS). For further information regarding UTRGV and the College, please visit our websites at <http://www.utrgv.edu/cecs/>.

Minimum Qualifications:

Applicants must hold an earned Ph.D. in Civil Engineering, Construction Engineering, or a related field from an accredited university. All but Dissertation (ABD) will be considered if degree is conferred no later than the start date. Candidates in the rank of Associate Professor must demonstrate leadership experience in an associate professor role and a nationally recognized research record.

Discipline Specific Required Qualifications:

- Ability to develop and teach undergraduate and graduate courses in construction engineering topics such as scan-to-BIM and site surveying.
- Evidence of high-quality research in Construction Engineering and Management (CEM).
- Potential to attract and maintain externally funded research projects.

Preferred Qualification:

- Ability to teach construction site mapping and integration with BIM, construction estimating,

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construction methods and equipment, construction safety, risk management, and other CEM discipline courses.

- Strong record of academic achievements and publications in reputable journals.
- Documented success in securing research funding through proposals to external agencies such as NSF, USDOT, TxDOT, DOE, and others.
- Ability to conduct multidisciplinary research supporting the Ph.D. program in Computer Science with Interdisciplinary Applications or the Ph.D. program in Materials Science and Engineering.
- Ability of mentoring undergraduate and graduate students.

Salary: Commensurate with Qualifications and Experience

License or Certification Required?: No

Number of Vacancies: 1

Desired Start Date: 09/01/2026

EEO Statement:

It is the policy of The University of Texas Rio Grande Valley to promote and ensure equal employment opportunities for all individuals without regard to race, color, national origin, sex, age, religion, disability, sexual orientation, gender identity or expression, genetic information or protected veteran status. In accordance with the requirements of Title VII of the Civil Rights Act of 1964, the Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, as amended, our University is committed to comply with all government requirements and ensures non-discrimination in its education programs and activities, including employment. We encourage women, minorities and differently abled persons to apply for employment positions of interest.

Open Date: 11/03/2025

Special Instructions to Applicants:

All applications must be submitted via the UTRGV application portal at <https://careers.utrgv.edu>. Complete all sections on the application. If you are applying for the first time, please complete all biographical information including address, email, and phone number. You may update this at any time by selecting to edit your profile in the application. Incomplete applications will not be considered.

Security sensitive: All UTRGV employees are required to have a criminal background check (CBC). CBCs will be conducted for all candidates invited for an on-campus interview.

Additional Information:

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UTRGV is a distributed institution. As such and as assigned, the position may require presence at multiple locations throughout the Rio Grande Valley. Work is performed primarily in a general office environment. This position is security sensitive and thereby subject to the provisions of the Texas Education Code 51.215. The retirement plan for this position is Teacher Retirement System of Texas (TRS), subject to the position being at least 20 hours per week and at least 135 days in length. This position has the option to elect the Optional Retirement Program (ORP) instead of TRS, subject to the position being 40 hours per week and at least 135 days in length.

Please Note:

Texas law requires faculty members whose primary language is not English to demonstrate proficiency in English as determined by a satisfactory paper-based test score of 500 (computer-based of 173 or internet-based of 61) on the Test of English as a Foreign Language (TOEFL) or a satisfactory test score of 6.0 on the International English Language Testing System (IELTS).

Incomplete applications will not be considered. All positions are subject to budget approval.

To apply, visit <https://careers.utrgv.edu/postings/49213>

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Contact Information

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

Contact

Construction Engineering and Management
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