

Assistant Professor - Construction Management  
University of Texas Rio Grande Valley

Direct Link: <https://www.AcademicKeys.com/r?job=248348>

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Posted Nov. 7, 2024, set to expire Mar. 1, 2025

**Job Title** Assistant Professor - Construction Management  
**Department** Civil Engineering  
**Institution** University of Texas Rio Grande Valley  
Edinburg, Texas

**Date Posted** Nov. 7, 2024

**Application Deadline** Open until filled

**Position Start Date** Fall 2025

**Job Categories** Assistant Professor

**Academic Field(s)** Construction Engineering/Management  
Civil Engineering

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**Job Description**

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**Assistant Professor - Construction Management - Civil Engineering**

**Job Class Code:** 10031

**FLSA:** Exempt

**Posting Number:** FRGV1748

**Location:** Rio Grande Valley

**Division/Organization:** Provost - Academic Affairs

**Appointment Period for Non-Tenure Position:**

**Tenure Status:**

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Tenure Track

**FTE:** 1.0

### **Scope of Job:**

The Civil Engineering (CIVE) Department at the University of Texas Rio Grande Valley (UTRGV) invites applications for at least one Tenure-Track Assistant Professor position with a focus on Construction Engineering and Management (CEM). The successful candidate(s) is expected to develop and teach undergraduate and graduate courses related to CEM topics such as construction methods and equipment, construction estimating, construction scheduling, construction planning, construction finance, project management, contracts and alternative dispute resolution, and others. The successful candidate(s) 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 may include Artificial Intelligence in Construction, Data Analytics, Smart Buildings, Digital Twins, Sustainable Construction, Construction Safety, BIM, Scan-to-Bim, AR/VR in Construction, Energy Efficiency, Automation in Construction, Project Delivery, Legal Affairs, Disaster Resilience, Digital Twins, Smart Infrastructure, Infrastructure Condition Monitoring, and other topics. Preference will be given to candidates who will develop multidisciplinary research to support newly founded Ph.D. programs at the College of Engineering and Computer Science, which include the Ph.D. program in computer science with interdisciplinary applications and the Ph.D. program in materials science and engineering. This position is also expected to provide a level of other services to the Department, College, and University, such as student mentoring, development and participation in outreach activities, internship, and professional-mentoring program, and others. The positions are for tenure track assistant professors; however, exceptional candidates may be considered for credit toward time on tenure track.

**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

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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 spans multiple civil engineering disciplines, including Structural, Geotechnical, Transportation, Water Resources, 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 780 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 17 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. 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 have 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.

### **Discipline Specific Required Qualifications:**

- Ability to develop and teach undergraduate and graduate courses in CEM.

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- Evidence of high-quality research in CEM.
- Potential to attract and maintain externally funded research projects.
- Willingness to collaborate with other research on the department and college levels and externally.
- Capability to balance research, teaching, and service duties.

**Preferred Qualification:**

- Previous experience developing and teaching undergraduate and graduate courses in CEM.
- Strong record of academic achievements and research publications.
- Evidence of successful research proposals to external funding agencies such as USDOT, TxDOT, DOE, or others.
- Demonstrated 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:** 09/01/2025

**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:** 10/25/2024

**Special Instructions to Applicants:**

All applications must be submitted via the UTRGV application portal at <http://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

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by selecting to edit your profile in the application. Incomplete applications will not be considered.

For the required application documents, a **maximum of two pages** will be allowed for both the Research Statement and Teaching Statement. Up to two technical papers, combined into one file, will be allowed as the Publication Sample.

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:**

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/44935>

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**Contact Information**

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

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**Contact**

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