

Assistant Professor of Structural Engineering (Tenure
Track)
Old Dominion University

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Posted Oct. 24, 2023, set to expire Oct. 31, 2024

Job Title	Assistant Professor of Structural Engineering (Tenure Track)
Department	CIVIL & ENVIRON ENGINEERING
Institution	Old Dominion University Norfolk, Virginia
Date Posted	Oct. 24, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Structural Engineering Civil Engineering
Job Website	https://jobs.odu.edu/postings/19519

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Job Description

The Civil and Environmental Engineering (CEE) Department at Old Dominion University (ODU), Norfolk, Virginia, is seeking applicants for a full-time tenure track faculty appointment at the rank of Assistant Professor with expertise in structural engineering, with a focus in:

- Sustainable and resilient infrastructure systems;
- Community resiliency to climate change and hazardous environments, particularly in coastal areas subjected to sea level rise and risk of flooding;
- Smart materials and infrastructure systems;
- Uncertainty and reliability analysis;
- Performance-based design;
- Structural health monitoring;

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- Applications of advanced computational methods and emerging technologies such as artificial intelligence, machine learning, and revolutionary concepts like digital twin technologies in modeling, simulation, and design of infrastructure components; and
- Complex interactions between urban systems and human behavior.

The successful candidate will have the opportunity to collaborate with other faculty on interdisciplinary research areas within the department and across campus, including the Institute for Coastal Adaptation and Resilience (ICAR).

Minimum Qualifications - knowledge, skills, and abilities

The candidate must possess:

1. A strong background in one or more of the research areas outlined above,
2. A record of scholarly publications,
3. The ability to make an immediate impact within the Structures program,
4. A clear plan to acquire and sustain a stream of externally funded research projects, and
5. The ability to develop and teach both graduate and undergraduate courses in civil engineering,
6. A demonstrated passion for student success, recruitment, and retention, and a commitment to diversity, equity, and inclusion among students, faculty, and staff.

Minimum Qualifications - Education or training

Candidates must possess Ph.D. in Civil Engineering or in a related engineering discipline.

Preferred Qualifications

Comprehensive knowledge in engineering mechanics of steel structures and materials is preferred.

Contact Information

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

Contact

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