

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

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

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

**Apply By Email**

**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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