

Assistant Professor of Autonomous & Connected Systems
(Tenure Track)
Old Dominion University

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Posted Nov. 22, 2023, set to expire Oct. 31, 2024

Job Title	Assistant Professor of Autonomous & Connected Systems (Tenure Track)
Department	COLLEGE OF ENGINEERING & TECH
Institution	Old Dominion University Norfolk, Virginia
Date Posted	Nov. 22, 2023
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor
Academic Field(s)	Robotics Material/Metallurgy
Job Website	https://jobs.odu.edu/postings/19845
Apply By Email	

Job Description

Job Description

The Frank Batten College of Engineering and Technology (BCET) at Old Dominion University (ODU) invites applications for a tenure-track position at the Assistant Professor rank, to begin in Fall 2024. We seek candidates with a strong background and interest in the broad domain of autonomous and connected systems in air, land, space, marine, and/or maritime applications, including but not limited to those associated with uncrewed drones and robots, autonomous vehicles, vehicle-to-anything (V2X) technologies, and intelligent infrastructure.

The successful candidate will also be a core member of the newly proposed Institute for Autonomous and Connected Systems (IACS), which brings together faculty and students across the Colleges of

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Engineering & Technology, Arts & Letters, and Sciences who have mutual interest in advancing the interdisciplinary research and development of autonomous and connected systems in air, land, space, marine, and maritime applications (e.g., uncrewed drones and robots, autonomous vehicles, vehicle-to-everything (V2X) technologies, and intelligent infrastructure). The Institute serves to elevate awareness of ODU's expertise in autonomous and connected systems, engage interested researchers together from the three colleges and across campus, connect ODU researchers with relevant industry and government agencies, and pursue large team-based funding opportunities. IACS has an education mission and supports an undergraduate certificate program and a minor in Engineering, Design and Operation of Uncrewed Aerial Systems. The Institute is also poised to create opportunities for research collaboration between the BCET, the Virginia Modeling and Simulation Center (VMASC), and several industry partners in the Hampton Roads regions.

The successful candidate is expected to teach undergraduate and graduate courses in their field (2/2 teach load), perform research and service, and collaborate with faculty in the IACS institute and others in the BCET and across campus. This position is open to candidates from all engineering disciplines in any of the academic departments in the BCET. The appointment will be in one of the five BCET departments depending on the selected candidate's background and expertise.

The candidate must demonstrate an ability to establish an externally funded research program and be eligible for an appointment in one of the academic departments in the BCET.

Minimum Qualifications - Education or training

The candidate must have a Ph.D. or equivalent terminal degree in engineering or other closely related field relevant and complementary to the Institute's core area of research.

Minimum Qualifications - Special licenses, registration or certification

Preferred Qualifications

Preference will be given to candidates who demonstrate an unwavering commitment to diversity, equity, and inclusion (DEI) and/or have expertise and experience in one or more of the following areas:

- artificial intelligence and machine learning;
- multi-agent systems;
- navigation and path planning;

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- automatic control;
- sensor fusion;
- next-generation networks;
- simulation-based testing and evaluation;
- real-time systems and embedded control; and/or
- security and privacy for autonomous and connected systems.

Contact Information

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

Contact