

Assistant Professor of Electrical Engineering

Position Description

The School of Engineering and Technology at the University of Washington Tacoma is seeking applications for a tenure-track Assistant Professor position for its Electrical Engineering program. This is a full-time position with a nine-month service period and begins September 2019. The assistant professor will be expected to maintain a vigorous research agenda, be familiar with industry practices and teach using ABET practices. Priority areas are power systems, power electronics, controls, novel interdisciplinary areas related to medical devices, wearable devices, Internet of Things, though qualified applicants in all areas of electrical engineering will be considered.

The University of Washington Tacoma, one of three UW campuses, is an urban undergraduate and graduate level campus that is changing the face of its region economically, culturally, and architecturally. The Institute of Technology was created in 2001 through a public/private partnership to address the critical industry demand for baccalaureate and masters level computing and engineering professionals. The Institute's 800+ students are currently enrolled in four undergraduate degree programs: Electrical Engineering, Computer Engineering and Systems (ABET accredited), Computer Science and Systems, and Information Technology, in addition to a Master of Science degree in Computer Science and Systems, and a professional master's degree in Cybersecurity and Leadership, in partnership with UW Tacoma's Milgard School of Business. The Institute will be expanding its degree offerings as it continues to grow and will be renamed School of Engineering and Technology effectively September 15th, 2018. Our MS in Computer Science and Systems is also expanding by adding interdisciplinary, data centric tracks that leverage the research strengths of other academic units on campus, particularly in Data Science, GIS, Bioinformatics, Cybersecurity and Cyber-Physical Systems. An MS program in Electrical and Computer Engineering is also in development.

The School of Engineering and Technology at the University of Washington Tacoma is seeking applications from qualified candidates for a tenure-track Assistant Professor position for its Electrical Engineering program for the 2019-2020 academic year. The Successful candidate(s) will teach undergraduate courses in Electrical Engineering including:

- Power systems
- Power electronics
- controls

The position requires on-site face-to-face availability for teaching classes. Teaching assignment may include days or evenings. Quality performance will be expected in teaching, scholarship, and service. General responsibilities include: preparing and delivering a course that meets the course description and learning goals; using appropriate teaching strategies and evaluation methods; informing students of all course requirements and providing feedback on a continuing basis; holding regularly office hours; using appropriate technology for the course; and submitting course grades by deadlines.

Qualifications

A Ph.D. (or foreign equivalent) in Electrical Engineering or related field is required.

Application Instructions

- (1) a cover letter describing their academic qualifications and professional experiences, how they will bring value to the Institute's curricula, and how they align with current faculty research interests. Applicants' statements should detail how their teaching, service and/or scholarship has supported the success of students from racial, ethnic, and gender backgrounds that are underrepresented in their academic field. Applicants who have not yet had the opportunity for such experience should note how their work will further University of Washington Tacoma's commitment to diversity;
- (2) samples of published research results and an outline of the candidate's research goals and plans;
- (3) a description of teaching philosophy (including a list of courses the candidate is qualified to teach);
- (4) evidence of teaching effectiveness, if applicable;
- (5) a curriculum vitae, and
- (6) contact information for at least three references.

Position URL

<http://apply.interfolio.com/55196>

This position will remain open until filled, however applications received before November 15, 2018 will receive a priority review. Applicants are strongly encouraged to complete the Equal Employment Opportunity questionnaire that is linked to the confirmation email. This information will not be shared with the search committee.