Assistant/Associate Professor - Mechanical Engineering
The College of New Jersey

Job Title: Assistant/Associate Professor - Mechanical Engineering
Department: Mechanical Engineering
Institution: The College of New Jersey
Ewing, New Jersey

Date Posted: Jun. 18, 2019
Application Deadline: Oct. 15, 2019
Start Date: August 2020

Job Categories: Associate Professor
Assistant Professor

Academic Field(s): Mechanical Engineering
Robotics

Job Website: https://chm.tbe.taleo.net/chm03/ats/careers/v2/viewRequisition?org=TCNJ&cws=37&rid=980
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Job Description

The School of Engineering at The College of New Jersey (TCNJ) seeks outstanding applicants for a tenure-track appointment in the Department of Mechanical Engineering at the Assistant or Associate Professor level, with a start date in August 2020. The search is open to candidates specializing in the general area of dynamic systems and control, and robotics. The successful candidate must have a Ph.D. in Mechanical Engineering or a related field, demonstrated excellence in academic research, and a proven track record of teaching and advising students.

The department is strategically enhancing the area of Dynamic Systems and Control, and Robotics. This is an exciting opportunity for the successful candidate to help with the development of the associated curriculum, laboratories, and elective offerings in the area of Dynamic Systems and Control. The successful candidate will develop state-of-the-art laboratories in the area of Dynamic Systems and Control and teach related courses and laboratories.

Specific responsibilities include: teaching at all levels from introductory through advanced special topics courses, developing and teaching laboratories in the area of dynamic systems and control, and developing and maintaining a productive research laboratory, providing service across campus and to the profession, and supporting accreditation needs through assessment and other duties. We seek faculty members with a strong commitment to teaching and mentoring who will create a climate that embraces excellence and diversity, to attract and retain a diverse, talented student body. The College of New Jersey and its faculty view research and education as mutually supportive activities. A successful candidate must demonstrate plans for research that integrate teaching and undergraduate student participation with their scholarly interests. This candidate must also be committed to the teacher-scholar model at a residential, primarily undergraduate institution. TCNJ engineering faculty members must maintain high-quality teaching, an active and productive research program, and apply for external grants when appropriate. TCNJ is proud to be the recipient of an NSF ADVANCE grant, working to support the careers of women faculty in STEM disciplines by developing systemic approaches to increase the representation and advancement of women.

This is an exciting time to join the Department of Mechanical Engineering at TCNJ. The Bachelor of Science programs in Mechanical Engineering currently enroll ~180 students and are accredited by the Engineering Accreditation Commission of ABET, http://www.abet.org. The School of Engineering is expanding its facilities with new and renovated spaces and is part of an overall investment by TCNJ in the STEM Complex, a place where multidisciplinary collaborations are strongly encouraged. The School of Engineering has recently invested over $2 million in new equipment. The School of Engineering is guided by a strategic plan that includes a study of potential graduate-level engineering
programs.

Founded in 1855, TCNJ is a highly selective institution that has earned national recognition for its commitment to excellence. Emphasizing a residential experience for its 6,500 undergraduates, TCNJ is one of Barron's 75 “Most Competitive” American colleges, and U.S. News & World Report’s No. 1 public institution of its kind in the northern region of the country. The College also offers focused graduate programs in nursing, education and English. In 2006, TCNJ was awarded a Phi Beta Kappa chapter—an honor shared by less than 10 percent of colleges and universities nationally. A strong liberal arts core forms the foundation for programs offered through TCNJ’s seven schools—Arts & Communication; Business; Culture and Society; Education; Science; Nursing, Health, and Exercise Science; and Engineering. TCNJ faculty members are teacher-scholars who share a commitment to liberal learning. TCNJ is located within an hour, by train, of NYC and Philadelphia. The College’s campus is set on 289 tree-lined acres in suburban Ewing Township and is known for its natural beauty. TCNJ has 39 major buildings, including the 4th-best college library in the nation, according to the Princeton Review. The School of Engineering enrolls about 650 engineering majors across 6 programs. The School offers Bachelor of Science degrees in biomedical, civil, computer, electrical and mechanical engineering and engineering science with specializations in policy & society and management. They additionally offer a bachelor of science in technological education/pre-engineering education and math/science/technology education.

Interested candidates must complete an online faculty application at https://chm.tbe.taleo.net/chm03/ats/careers/v2/viewRequisition?org=TCNJ&cws=37&rid=980; a cover letter, a detailed curriculum vitae, descriptions of teaching and research interests, and the names and addresses of three references should be uploaded as .pdf documents via the on-line application. To ensure full consideration, applications should be received by October 15, 2019, but the search will remain open until the position is filled. A final offer of employment will be contingent upon successful completion of a background investigation.

The College of New Jersey is an Affirmative-Action/Equal Opportunity Employer. To enrich education through diversity, The College of New Jersey is an Equal Opportunity Employer. The College has a strong commitment to achieving diversity among faculty and staff, and strongly encourages women and members of underrepresented groups to apply.
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Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

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