

# Position Announcement

(June 2016)

## **Electronics/Mechatronics Lab Lecturer (full-time)**

Department of Mechanical Engineering  
University of Maryland, College Park

The Department of Mechanical Engineering at the University of Maryland, College Park invites applications for an **Electronics/Mechatronics Lab Lecturer** starting in **Fall 2016**. The position will have full-time instructional and maintenance responsibilities for **2** junior-level electronics laboratory classes offered in the Department. Specifically, the courses focus on 1) basic analog circuits (RLC, op-amps, diodes, transistors and filters), and 2) mechatronics (microprocessors, programming, circuits for sensing and actuation, signal processing). The instructor, working closely with the faculty course “owners”, will be responsible for managing and training graduate and undergraduate lab assistants for the course, managing the laboratory activities and assessments, working with faculty to update the existing and/or develop new laboratory exercises, as well as maintaining the supplies and equipment of the laboratory.

**Qualifications:** The successful candidate must be able to closely collaborate with the various faculty teaching the course sections, bring enthusiasm and innovation, have a keen interest in student learning, and be willing to take on full responsibility for implementing the lab component of the course. A PhD in Engineering or a related field is preferred, but MS candidates with extensive experience will be considered. Priority will be given to candidates with experience with circuits, microcontroller systems, programming and debugging, and with evidence of a successful teaching record and track record of mentoring undergraduate students in innovative design and/or research assignments.

**Additional Information:** As per current guidelines, lecturers are appointed to a 1 year term, with the intention of renewal with demonstrated successful performance. For best consideration, applications should be received by **July 8, 2016**, but the position will remain open until filled. Applications from members of groups traditionally underrepresented on engineering faculties are strongly encouraged to apply. Please apply by uploading the following documents through the UMD employment website at <https://ejobs.umd.edu/postings/43155>:

- 1) Curriculum Vitae
- 2) Teaching Statement (1-2 pp.)
- 3) References (name and contact of 3)

The Department of Mechanical Engineering ([www.enme.umd.edu](http://www.enme.umd.edu)) hosts vibrant education and research programs and is currently ranked in the top twenty of all mechanical engineering graduate and undergraduate programs within the United States. Department faculty members are encouraged to establish multi-disciplinary collaborations with colleagues and leverage a broad spectrum of shared research facilities. The University of Maryland has strong research ties with many government agencies, institutes, research laboratories, and other organizations located in the greater D.C. area.

*The University of Maryland, College Park, an equal opportunity/affirmative action employer, complies with all applicable federal and state laws and regulations regarding nondiscrimination and affirmative action; all qualified applicants will receive consideration for employment. The University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, national origin, physical or mental disability, protected veteran status, age, gender identity or expression, sexual orientation, creed, marital status, political affiliation, personal appearance, or on the basis of rights secured by the First Amendment, in all aspects of employment, educational programs and activities, and admissions.*