

California University of Pennsylvania - Posting Number: 10828

Job Title: Mechatronics Engineering Technology Faculty Position

Position Type/Salary: This is a tenure-track faculty appointment in the department of Applied Engineering and Technology.

Rank and salary are competitive and commensurate with academic preparation and experience. An excellent fringe benefits package is included.

Job Summary/Basic Function: The successful applicant will develop and teach courses and associated laboratories in the bachelor of science degree program of Mechatronics Engineering Technology (MTR) and in the associate of science degree program of Robotics Engineering Technology (RET). Additionally, the basic functions of this candidate include: MTR/RET student advisement and recruitment, professional and scholarly activities, course and program assessments, ETAC of ABET accreditation, building relationships with industry and fostering internships, and supervision of senior design projects.

The successful applicant must be capable of and committed to teaching, community service and outreach, and to scholarship. Successful applicant will also have experience working with diverse populations. Additional responsibilities include involvement with departmental, college-wide, and university committees. Also, in accordance with the terms of the collective bargaining agreement between the Pennsylvania State System of Higher Education and APSCUF, the successful applicant might be assigned to perform work at off-campus sites, in the evening/weekend college and/or provide instruction through distance education.

Required Skills, Knowledge and Abilities: The successful applicant will have a strong background in the following areas: statics, dynamics, control systems, strength of materials, robotics/mechatronic systems, programming, and basic knowledge of electronics. Applicants with the following qualifications will be given preference: a Ph.D. in Mechanical Engineering from a nationally-accredited institution, industrial or teaching experience beyond the minimum requirements, PE registration, machining/CNC proficiency, FEA proficiency, and/or PLC proficiency.

In order to be a leading applicant in this search, in addition to the aforementioned requirements, the applicant minimally must be fluent in the English language, be able to communicate well, demonstrate outstanding potential for excellence in teaching through a successful interview and/or classroom demonstration and be experienced in the use of innovative curricular approaches that are student-centered, inquiry-based, and hands-on oriented.

Minimum of Education and Training: Bachelor of Science in Mechanical Engineering and a Master of Science in Mechanical, Electrical, Industrial, or Computer Engineering, each from a nationally-accredited institution. A minimum of two years full-time college-level teaching experience in hands-on or laboratory-centered courses and/or relevant industry experience.

Special Instructions to Applicants:

Applications accepted only online at <https://careers.calu.edu/> Physical resumes are not accepted.

To be considered, applicants must submit the following: full curriculum vitae; official transcripts from all colleges and universities attended; letter of application highlighting the applicant's qualifications and teaching interests; brief statements describing teaching philosophy; and the names, addresses, phone numbers, and e-mail addresses of three current references who have knowledge of the applicant's abilities. References will be checked. Background clearances are required and will be conducted on applicants being considered.

Unofficial transcripts are acceptable for application, but official transcripts will be required for applicants being considered and due at the point of face-to-face on-campus interviews.

Veterans claiming preference should submit a copy of their DD214 to the Office of Social Equity, 250 University Avenue, Box 9, California, PA 15419.