



School of Engineering

Department of Engineering Management, Systems, and Technology

## FACULTY POSITION UNIVERSITY OF DAYTON

- Are you looking for a university that will support your commitment to educating the next generation of engineers?
- Are you interested in bringing engineering practice and new experiential learning strategies into the classroom?
- Are you committed to growing participation of women and under-represented minorities in engineering?
- Are you seeking to engage in research that makes a difference in the world?

If so, the Department of Engineering Management, Systems, and Technology at the University of Dayton invites you to apply for a tenure track faculty position for Assistant Professor specializing in Mechanical Engineering Technology to begin on August 16, 2018. Candidates with expertise and a record of continuous growth within the technical areas of Fluid and Thermal Systems, Engineering Mechanics, or Engineering Materials, especially within the domains of product innovation, sustainability, or advanced manufacturing and automation, are particularly encouraged to apply.

All applicants must have a Ph.D. in Mechanical Engineering, Mechanical Engineering Technology or a closely related discipline. A Ph.D. in Engineering Education with at least one degree in a discipline closely related to Mechanical Engineering will also be accepted. Applicants must also have at least two years of relevant technical experience, excellent written communication skills and a record of accomplishment that demonstrates the ability to teach and perform scholarship activities within a Mechanical Engineering Technology Program. Preference will be given to candidates with demonstrated successful experiences and the potential for excellence in:

- teaching technical subjects, specifically when employing active learning approaches;
- developing an intercultural competency and effectively engaging with individuals from diverse backgrounds;
- establishing a sustained research program related to mechanical engineering, which may include successful grant writing activities, obtaining external funding, and peer-reviewed publications and presentations.

For a complete list of qualifications and to apply, please go to <https://jobs.udayton.edu/postings/24221>. Applicants are required to submit a cover letter, their curriculum vitae, contact information for three references and statements of 1) how you would approach active learning in Mechanical Engineering Technology courses using current pedagogical approaches and 2) research program plans (limit of two pages each). Applications must be received by November 15, 2017.

The University of Dayton, founded in 1850 by the Society of Mary, is a top ten Catholic research university. The University seeks outstanding, diverse faculty and staff who value its mission and share its commitment to academic excellence in teaching, research and artistic creativity, the development of the whole person, and leadership and service in the local and global community. The School of Engineering, with over 100 years of excellence in engineering education and research, is committed to fostering the next generation of engineering leaders and in developing research for the common good.

To attain its Catholic and Marianist mission, the University is committed to the principles of diversity, inclusion and affirmative action and to equal opportunity policies and practices. As an Affirmative Action and Equal Opportunity Employer we will not discriminate against minorities, females, protected veterans, individuals with disabilities, or on the basis of sexual orientation or gender identity.

For questions, please contact the Search Committee Chair, Sean Falkowski at [sfalkowski@udayton.edu](mailto:sfalkowski@udayton.edu) or by phone at 937-229-2960.