

Instructional Assistant/Associate/Full Professor
MECHANICAL & AEROSPACE ENGINEERING
Herbert Wertheim College of Engineering
University of Florida

The Department of Mechanical & Aerospace Engineering (MAE) in the Herbert Wertheim College of Engineering at the University of Florida invites applications for a full-time, non-tenure track, 12-month faculty position at the rank of Lecturer/Senior Lecturer/Master Lecturer (working title of Instructional Assistant/Associate/Full Professor). The position's anticipated start date is Fall 2024.

Duties and responsibilities include teaching, revising, and developing undergraduate engineering courses and laboratories/facilities in following areas: Thermodynamics, Heat Transfer, and Fluid Dynamics Laboratories; Capstone Design and Capstone Design Realization Laboratory; Design and Manufacturing Laboratory; and other related aspects of mechanical and/or aerospace engineering. The candidate will also have the opportunity to participate in department, university, and professional service activities and educational research activities.

Minimum Qualifications: M.S. in Mechanical Engineering, Aerospace Engineering, Engineering Technology, or a closely related discipline.

The ideal candidate would have a Ph.D. in Mechanical Engineering, Aerospace Engineering, or Engineering Technology with prior industrial and/or instructional experience in related fields or hands-on educational setting.

The MAE department is specifically looking for candidates with a passion for teaching and a desire to develop and/or continue a career in the pedagogy of experiential engineering education. The MAE department is committed to building a diverse student population. Candidates who promote and foster a collaborative, welcoming, and inclusive classroom environment are highly desirable. Additionally, the ability and desire of candidates to work closely with other faculty in a team approach to instruction delivery, curriculum, and facility development is important.

The Department of Mechanical & Aerospace Engineering at the University of Florida (<https://mae.ufl.edu/>) has over 60 faculty members working in all aspects of mechanical and aerospace engineering and is expected to grow in upcoming years. The total student population is approximately 2500 with nearly 200 in the Ph.D. program. Recent US News & World Report has MAE ranked as 16th and 16th for the aerospace and mechanical engineering programs, respectively, among graduate engineering public universities in the US.

The University of Florida is the flagship campus of the State of Florida university system and is ranked as the #1 best public US university according to the Wall Street Journal. UF is currently ranked as one of the top-6 best public universities, 6th according to the 2024 U.S. News & World Report of Best Colleges. UF is home to HiPerGator, which ranks 3rd among university supercomputers in the nation. In addition, the Herbert Wertheim College of Engineering is currently implementing a major expansion of faculty and state-of-the-art research and education facilities with a focus on AI. The Malachowsky Hall for Data Science & Information Technology, a 260,000 sq feet facility that serves as the hub for Artificial Intelligence, opened in Fall 2023. The College will reach 300 faculty members this year. For more information about our college initiatives, please visit <http://eng.ufl.edu>. The University and College count among its greatest strengths a value of broad diversity among faculty, students and staff and a robust, inclusive, and welcoming climate for learning and research. UF is committed to equal educational and employment opportunity and access and seeks individuals of all races, ethnicities, genders, and other attributes who, among their many exceptional qualifications, have a record of including a broad diversity of individuals in research and learning activities.

The search committee will begin reviewing applications on May 20, 2024, and will continue to receive applications until the position is filled. You must apply by submitting an application through UFCareers via <https://facultyjobs.hr.ufl.edu/>. **(Job 531222)** The application consists of attached PDF files of the following required documents: (1) cover letter [summary, introduction related to hiring emphasis areas]; (2) a curriculum vitae [including a 1-page CV highlights]; (3) the names, addresses, phone numbers, and email addresses of no less than three and up to five references; **Additional documents should be uploaded as one PDF to the "other documents" selection in the application.** (4) Teaching statement [including a personal philosophy and interests] that contains a plan for synergizing teaching with pedagogical research.

The selected candidate will be required to provide an official transcript to the hiring department upon hire. A transcript will not be considered "official" if a designation of "Issued to Student" is visible. Degrees earned from an educational institution outside of the United States are required to be evaluated by a professional credentialing service provider approved by National Association of Credential Evaluation Services (NACES).

If accommodation due to a disability is needed to apply for this position, please call 352-392-2477 or the Florida Relay System at 800-955-8771 (TDD). Hiring is contingent upon eligibility to work in the US. Searches are conducted in accordance with Florida's Sunshine Law.

The University of Florida is committed to nondiscrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information, and veteran status in all aspects of employment including recruitment, hiring, promotions, transfers, discipline, terminations, wage and salary administration, benefits, and training.

Questions about this position may be directed to Dr. Lawrence Ukeiley, MAE Dept, University of Florida, ukeiley@ufl.edu.