

Assistant/Associate/Full Professor
Department of Industrial and Systems Engineering
Herbert Wertheim College of Engineering
University of Florida

The Department of Industrial and Systems Engineering (ISE) in the Herbert Wertheim College of Engineering (HWCOE) at the University of Florida is soliciting applications for a full-time, nine-month, tenured/tenure-track faculty position at the rank of Assistant/Associate/Full Professor. We are seeking outstanding individuals with strong expertise in various ISE and/or interdisciplinary methods (such as artificial intelligence, digital twins, AR/VR, operations research, human factors, structural health monitoring, robotics) in the research focus of Industrialized Construction for applications in infrastructure, transportation, and others.

The candidate is expected to develop and sustain a strong and externally funded research program in the area of Industrialized Construction, maintain a strong record of high-quality publications, teach and mentor undergraduate and graduate students in ISE, promoting excellence and innovation in learning, contribute to curriculum development in ISE related topics, engage in collaborative, interdisciplinary research across HWCOE and UF and with external partners and actively participate in departmental, school, and professional service.

This position supports the continued growth of both the HWCOE and the ISE in the research program of Industrialized Construction Engineering. The HWCOE has the country's largest and most advanced 3D construction printer, and the printer will be incorporated into research and curriculum for multiple departments in the HWCOE, including lessons and projects in construction, manufacturing, materials, data analytics, operations research, structural health monitoring, coastal resilience, safety, design, and sustainability. The ISE will lead the research path, defining one-of-a-kind, infrastructure-driven, interdisciplinary research and education in Industrialized Construction Engineering that incorporates artificial intelligence, digital twins, AR/VR, operations research, and human factors.

UF ISE offers degrees in BS, ME, MS, and Ph.D. We have approximately 475 undergraduate students and about 200 graduate students. The Department hosts research in various application areas, including advanced manufacturing, energy systems, healthcare systems, manufacturing systems, supply chain systems, and transportation systems. Our faculty performs methodological research in data analytics, machine learning, human systems engineering, optimization, simulation, and stochastic analysis. There are also outstanding opportunities for interdisciplinary work across the UF campus. For more information about the department, please visit <https://www.ise.ufl.edu/>.

Minimum qualifications: PhD in ISE, Manufacturing Engineering, Civil Engineering, Mechanical Engineering, or a closely related field.

Preferred Qualifications: Minimum of one degree in ISE; Demonstrated excellence in research, potential for or record of external funding, solid journal publications in Industrialized Construction; A strong commitment to teaching and student success. All appropriate to the applicant's rank.

The search committee will begin reviewing applications immediately and will continue to review applications until the position is filled. You must apply by submitting an application through UFCareers via <https://jobs.ufl.edu/> (**Job 537962**). The application consists of attached PDF files of the following required documents: 1. Cover letter (**summary, introduction related to hiring emphasis areas**) 2. Curriculum vitae. 3. Research and teaching statements. 4. Names, addresses, phone numbers, and email addresses of no less than three and up to five references. The anticipated start date for this position is August 2026. For further questions, please contact Dr. Jia "Peter" Liu (jliu@ise.ufl.edu).

The University of Florida (UF) is the flagship campus of the State of Florida university system and is consistently ranked among the nation's top public universities. UF is home to **HiPerGator**, the fastest AI supercomputer in higher education, and the **Herbert Wertheim College of Engineering** is undergoing a major expansion in faculty, research, and facilities with a strong focus on artificial intelligence. In Fall 2023, UF opened **Malachowsky Hall for Data Science & Information Technology**, a 260,000-square-foot facility that serves as the hub for AI.

For more information about college initiatives, visit eng.ufl.edu

Additional Requirements

- The selected candidate must provide an official transcript to the hiring department upon hire. Transcripts marked "Issued to Student" will not be considered official.
- Degrees earned outside the United States must be evaluated by a professional credentialing service provider approved by the **National Association of Credential Evaluation Services (NACES)**.

Additional Information

The University and College count among its greatest strengths a community of faculty, students and staff having diverse perspectives who support a culture of respect and dignity where learning and research thrive. UF is committed to equal education, opportunity, and access.

- If you require a reasonable accommodation to apply, please call **352-392-2477** or the Florida Relay System at **800-955-8771 (TDD)**.
- Employment is contingent upon eligibility to work in the United States.
- All searches are conducted in accordance with **Florida's Sunshine Law**.

The University of Florida is an equal opportunity employer.