



TEXAS TECH
UNIVERSITY.

**Edward E. Whitacre Jr. College of Engineering
Industrial, Manufacturing and Systems Engineering Department**

Assistant/Associate/Full Professor of Industrial, Manufacturing and Systems Engineering

The Department of Industrial, Manufacturing and Systems Engineering (IMSE) in the Whitacre College of Engineering (WCOE) at Texas Tech University invites applications for multiple full-time, 9-month tenured/tenure-track positions at all ranks to begin in Fall 2024. Exceptional senior candidates may also be considered for the E. L. Derr Endowed Professorship.

In line with TTU's strategic priorities to engage and empower a diverse student body, enable innovative research and creative activities, and transform lives and communities through outreach and engaged scholarship, applicants should have experience working with diverse student populations at the undergraduate and/or graduate levels within individual or across the areas of teaching, research/creative activity, and service.

The IMSE department is seeking applicants working in all areas, with an emphasis given to those working in Human Factors, Operations Research, or Systems and Engineering Management. Qualified candidates must possess a Ph.D. in Industrial Engineering or a closely related field, be eligible to work in the United States, have excellent communication skills, and have demonstrated the ability to conduct high quality, methodologically innovative research including proven capacity or clear potential to bring externally sponsored research to Texas Tech University. Candidates will teach undergraduate and graduate courses (including distance education) and advise PhD students. Service duties include program-building, as well as commitment to extracurricular activities. Service to the department, college, and university is expected.

Established in 1923, Texas Tech University is a Carnegie R1 (very high research activity) Doctoral/Research-Extensive, Hispanic Serving, and state-assisted institution. Located on a beautiful 1,850-acre campus in Lubbock, a city in West Texas with a growing metropolitan-area population of over 300,000, the university enrolls over 40,000 students with 33,000 undergraduate and 7,000 graduate students. As the primary research institution in the western two-thirds of the state, Texas Tech University is home to 10 colleges, the Schools of Law and Veterinary Medicine, and the Graduate School. The flagship of the Texas Tech University System, Texas Tech is dedicated to student success by preparing learners to be ethical leaders for a diverse and globally competitive workforce. It is committed to enhancing the cultural and economic development of the state, nation, and world.

The College of Engineering was founded in 1925 as one of the original academic areas when Texas Tech opened in 1923. The Edward E. Whitacre Jr. College of Engineering offers nine engineering bachelor's programs and one master's level program accredited by the EAC of ABET, and one computer science program accredited by CAC of ABET. The college offers 12 additional master's, and 8 doctoral degree programs. The college has 4679 undergraduate and 1550 graduate students and 158 full-time faculty members. Total restricted research expenditures in 2022 fiscal year were \$17.9M. The college awarded 875 BS, 446 MS and 59 PhD degrees in the 2022-23 academic year. For more information, please visit <https://www.depts.ttu.edu/coe/>.

The IMSE department has a dynamic faculty who are actively funded by NSF (including four CAREER awards in the last 4 years), DHS and other federal agencies and faculty members have won prestigious prizes, including most recently the INFORMS Optimization Society Young Researchers Prize and INFORMS Computing Society Harvey J. Greenberg Research Award. There is a vibrant and energetic research atmosphere both within the IMSE department and across departments in the WCOE, University, and the Texas Tech Health Sciences Center. The IMSE department actively supports the WCOE research thrust areas of Energy, Water, Engineers in Medicine, Infrastructure, Nanotechnology and Big Data/Data Visualization and the CASFER NSF Engineering Research Center. The IMSE department has numerous laboratory facilities (manufacturing, bioprinting and biofabrication, tissue assembly and nanofabrication, complex systems modeling, control, and optimization, and ergonomics), and is home to a multidisciplinary safety center (<http://www.depts.ttu.edu/cehrop/>). Additional information about the department is available at <http://www.depts.ttu.edu/imse/>.

Lubbock is referred to as the “Hub City” because it serves as the educational, cultural, economic, and health care hub of the South Plains region, Lubbock boasts a diverse population and a strong connection to community, history, and land. With a mild climate, highly rated public schools, and a low cost of living, Lubbock is a family-friendly community that is ranked as one of the best places to live in Texas. Lubbock is home to a celebrated and ever-evolving music scene, a vibrant arts community, and is within driving distance of Dallas/Fort Worth, Austin, Santa Fe, Albuquerque, Oklahoma City, and other major metropolitan cities.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, gender expression, national origin, age, disability, genetic information or status as a protected veteran.

Interested applicants should submit their application for requisition number **35193BR** online at <http://www.depts.ttu.edu/hr/workattexastech/>. A complete application consists of a cover letter, curriculum vitae (CV), one-page statement of research interests, one-page statement of teaching interests, and a list of three professional references. Review of applications will begin on **November 01, 2023**.

Questions about this position should be directed to the IMSE Faculty Search Committee at IMSE@ttu.edu or 806-742-3543. If you need assistance with the application process, contact Human Resources, Talent Acquisition at hrrs.recruiting@ttu.edu or 806-742-3851.