

Assistant Professor/Associate Professor Industrial and
Systems Engineering
The University of Alabama in Huntsville

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Posted Oct. 10, 2025, set to expire Feb. 22, 2026

Job Title	Assistant Professor/Associate Professor Industrial and Systems Engineering
Department	College of Engineering/Industrial and Systems Engineering, Engineering Management
Institution	The University of Alabama in Huntsville Huntsville, Alabama
Date Posted	Oct. 10, 2025
Application Deadline	Open until filled
Position Start Date	August 2026
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Industrial & Systems Engineering

Apply By Email

Job Description

DEPARTMENT: Industrial and Systems Engineering and Engineering Management

RANK: Assistant/Associate

ABOUT THE POSITION:

Job Description

The Department of Industrial and Systems Engineering and Engineering Management (ISEEM) at The University of Alabama in Huntsville invites applications for a tenure/tenure-track Assistant Professor/Associate Professor position with an anticipated start date of August 2026. Candidates with exceptional qualifications in teaching, research, and service can be considered for higher appointments. Duties include research, teaching, and service with a focus on interdisciplinary research

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supported by external funding, incorporating student researchers. We are looking for candidates with a strong background in applying mathematical and scientific problem-solving methods to broad areas of industrial engineering. The desired areas of expertise include, but are not limited to, quality engineering, continuous improvement, advanced manufacturing, artificial intelligence/machine learning, robotics, application of digital twins, simulation, operations management and optimization, ergonomics, and human factors.

About the Department

The Industrial and Systems Engineering and Engineering Management (ISEEM) Department offers BSIE, MSE, MSOR, and Ph.D. degrees. The Department has an ABET-accredited undergraduate program in Industrial and Systems Engineering. Our faculty currently consists of six tenure-track/tenured members and three clinical members. Our student body includes approximately 140 undergraduate and 150 graduate students. Our faculty's research interests include artificial intelligence/critiquing systems, digital engineering and digital twins, ergonomics, robotics, additive manufacturing, advanced manufacturing, complex systems engineering and design, systems science, model-based systems engineering, stakeholder preference modeling and communication, quality systems design and assessment, lean manufacturing, continuous improvement, and engineering management. In FY25, the department had over \$2.2 million in research expenditures. Rapid growth in faculty, students, and research funding is intended in this field given the large engineering and scientific workforce of the NASA Marshall Space Flight Center, the Redstone Arsenal, Cummings Research Park, and other area industries. Manufacturing growth in the Huntsville area offers additional opportunities with the department having partnerships with companies such as Mazda Toyota, Polaris, and Blue Origin.

APPOINTMENT DATE:Fall 2026

ABOUT THE COLLEGE: The College of Engineering is comprised of 5 departments and has the largest enrollment of the university's six academic colleges. The research focus in the college includes three of several National Academy of Engineering (NAE) grand challenge problems - secure cyberspace, restore and improve urban infrastructure, and engineer tools of scientific discovery. Our strategic Flight Plan 2032 seeks to enhance student-centered teaching and learning focused on student success, promote basic and applied research, while engaging the local and regional community through outreach and workforce development.

ABOUT THE UNIVERSITY: Founded in 1969, The University of Alabama in Huntsville is one of America's premier doctoral-granting, comprehensive universities known for addressing some of the world's most critical technological challenges. UAH, a part of the University of Alabama System, offers

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an environment where students are able to explore, discover, create and communicate knowledge. UAH has eight colleges, more than 100 areas of study, and 17 high-tech research centers and institutes. Located in the heart of the Technology Hub of the South, UAH serves as the anchor tenant of the second-largest research park in the United States, Cummings Research Park. UAH boasts storied partnerships with Redstone Arsenal, NASA and the Department of Defense. The institution is a member of the Gulf South athletic conference. UAH is where technology and human understanding converge to prepare students to transform their future. Learn more at www.uah.edu.

ABOUT HUNTSVILLE: Defense, space, telecommunications, biotechnology, diversified manufacturing and a variety of emerging specialties provide challenging work in Huntsville, also known as the Rocket City. The area enjoys a favorable cost of living and quality of life in the Southeast. More than 1.2 million people reside in the Huntsville metro area, and it is now the largest city in Alabama. From outdoor recreational activities to an enhanced arts and entertainment community, Huntsville contributes to a wonderful way to live, work, and play. Learn more at www.huntsville.org.

APPLICATION PROCEDURE AND DEADLINE:

Application Deadline

Applications will remain open until the position is filled.

Job Requirements

Applicant qualifications should include: (a) a Ph.D. in industrial engineering or related field; (b) evidence of capability to establish a successful externally funded research program; (c) a strong commitment to teach and mentor undergraduate and graduate students in a research university; (d) interest in working in a cross-disciplinary team environment across multiple academic and research units. The ability to obtain a security clearance would be beneficial.

Procedure

Application material (in PDF format), including a cover letter, curriculum vitae, summary of current research interests (1-2 pages), teaching philosophy (1-2 pages), and the names of three references, should be sent to iefsearch@uah.edu. Please refer to the log number: 26-27-285.

The University of Alabama in Huntsville is an equal opportunity employer (EOE), including an EOE of protected veterans and individuals with disabilities.

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Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact Cynthia Robinson
College of Engineering/Industrial and Systems
Engineering, Engineering Management
The University of Alabama in Huntsville
Huntsville, AL

Contact E-mail iefsearch@uah.edu