

**Tenure-Track or Tenured Faculty Position in Transportation & Infrastructure  
Systems Engineering  
Assistant or Associate Professor**

Department of Civil, Architectural, and Environmental Engineering

The Department of Civil, Architectural, and Environmental Engineering (CAEE) in the Armour College of Engineering at Illinois Institute of Technology invites applications for a full-time tenure-track faculty position to support education and research activities in transportation and infrastructure systems engineering. The CAEE Department's priority areas for this position include but are not limited to multimodal surface transportation (e.g., highway, freight rail, and transit), data analytics for smart passenger and freight infrastructure, advanced technology vehicle integration, human factors, and innovative financing and decision-making in support of sustainable transportation development and management. Candidates are sought and preferred primarily at the Assistant Professor level, but senior and mid-career candidates with a strong record of sustained success in research, teaching, and service may also be considered. The expected start date is Fall 2022.

Illinois Institute of Technology is a private Ph.D.-granting research university with world-renowned programs in engineering, architecture, the sciences, humanities, psychology, business, law, and design. Founded in 1890, Illinois Tech was born different. It was built on the promise set forth in minister Frank Wakely Gunsaulus' "Million Dollar Sermon" to provide access to higher education for students from all different backgrounds and to make a difference in the world through technology-oriented education. This guiding mission and purpose – where students, including those underrepresented in technology, could prepare for meaningful roles in a changing industrial society and achieve professional and economic advancement – remains just as relevant today. Thus, diversity and inclusion are part of the day-to-day experience at Illinois Tech and the centerpiece of its culture. As such, Illinois Tech is home to a diverse and global student population, is committed to providing opportunities to enhance the diversity of its faculty and staff, and strongly encourages applicants from all backgrounds to apply for this position, especially those underrepresented in the field, including, but not limited to, women, African Americans, Latinx, Indigenous peoples and others. The main campus is located three miles from downtown Chicago and in close proximity to many industries in the greater Chicago area.

Faculty members in the CAEE department and Armour College of Engineering are expected to initiate and sustain a vibrant externally funded research program that supports graduate students and leads to a strong record of published research. The Department and College both strongly encourage cross-cutting and collaborative research. Successful candidates are expected to demonstrate a strong commitment to undergraduate and graduate teaching in transportation and infrastructure systems engineering, as well as to diversity, equity, and inclusion through research, teaching, and service endeavors. At the time of appointment, applicants must hold an earned doctorate in civil engineering or related fields with emphasis in transportation and/or infrastructure systems engineering. The successful candidate is expected to obtain a professional engineering license within four years of beginning employment with Illinois Tech.

The Armour College of Engineering is home to five departments, emphasizes a broad spectrum of interdisciplinary research by faculty and students, and is committed to inclusive excellence in undergraduate, graduate, and professional education. The mission of the CAEE Department is to

prepare students to begin the practice of the profession and for challenges facing civil, architectural, and environmental engineers in the 21<sup>st</sup> century. Current degree programs in CAEE include: bachelor's degrees in Civil Engineering, Architectural Engineering, and Engineering Management; master's degrees in Civil Engineering, Architectural Engineering, Construction Engineering and Management, Engineering Management, Energy Systems Engineering, Environmental Engineering, Public Works, Structural Engineering, Transportation Engineering, and Urban Systems Engineering; and doctoral degrees in Civil Engineering, Architectural Engineering, and Environmental Engineering. Among an array of recent investments, in 2020 the CAEE Department received a large gift from Trimble to establish a state-of-the-art Technology Lab, expanding the university's expertise in civil and environmental infrastructure, building construction field systems, and project controls and collaboration. The newly created Trimble Technology Lab allows Illinois Tech to integrate cutting-edge technology into its curricula, empowering graduates to rapidly transform how buildings and living environments are designed and constructed. More information on faculty, teaching, research, facilities, and degree programs in the CAEE Department can be found at: <https://www.iit.edu/caee>.

The application package must include (i) a cover letter, (ii) curriculum vitae, (iii-iv) statements of research and teaching interests/philosophy, (v) a statement on the candidate's commitment to equity and inclusion in education, (vi) contact information for five references, and (vii) a sample of a published research paper submitted as a *single* .pdf file (with file structure *lastname\_firstname.pdf* ) to [CAEE-hiring-TT@iit.edu](mailto:CAEE-hiring-TT@iit.edu) with the subject line "Transportation Engineering." The one-page statement on equity and inclusion should address specific past and/or potential contributions to the equitable and inclusive delivery of academic instruction and support to and research mentorship of students from a diverse background of countries, cultures and socio-economic conditions. To ensure full consideration, applications must be received by November 15, 2021; however, review of applications will continue until the position has been filled. Additional questions regarding the position should be directed to Dr. Brent Stephens, Professor and Department Chair, [brent@iit.edu](mailto:brent@iit.edu).

*Illinois Institute of Technology is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer; we are committed to enhancing equity, inclusion, and diversity within our community. Illinois Tech seeks applications from all individuals regardless of race, color, sex, marital status, religion, creed, national origin, disability, age, military or veteran status, sexual orientation, and/or gender identity and expression. All qualified applicants will receive equal consideration.*