

Full-Time Teaching Faculty Position in Architectural Engineering
Assistant/Associate Teaching Professor
Civil, Architectural and Environmental Engineering Department

The Civil, Architectural and Environmental Engineering (CAEE) Department in the Armour College of Engineering at Illinois Institute of Technology (Illinois Tech) invites applications for a full-time non-tenure-track teaching faculty position to support educational activities in architectural engineering. The department seeks candidates with expertise, including, but not limited to, building mechanical, electrical, and plumbing (MEP) system design; lighting and acoustics; fire protection; thermal-fluid sciences; building enclosure design and rehabilitation; building simulation; building commissioning; construction planning and scheduling; and/or engineering graphics. Candidates are sought at the level of assistant or associate teaching professor, with a typical course load of six courses per year. Successful candidates are expected to have a graduate degree in architectural engineering or related field (a doctorate is preferred but not required), to have relevant work experience, and to have a professional engineering license or be able to obtain a professional engineering license within four years of beginning employment with Illinois Tech. The expected start date is January 2023.

Illinois Tech is a private Ph.D.-granting research university with world-renowned programs in engineering, architecture, the sciences, humanities and social sciences, psychology, business, law, and design. Founded in 1890, Illinois Tech was built on the promise 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. As such, diversity and inclusion are part of the day-to-day experience at Illinois Tech and a central component of its culture. 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. The main campus is located three miles from downtown Chicago and in close proximity to many industries in the greater Chicago area.

Teaching faculty members in the CAEE Department and Armour College of Engineering are expected to be recognized as experts in their fields; committed to excellence in teaching and mentoring; active in their professional communities; active in departmental service through academic advising of undergraduate and graduate students, mentoring student organizations, supervising senior design projects, and maintaining and modernizing laboratories. Successful candidates are expected to demonstrate a strong commitment to undergraduate and graduate teaching, as well as to diversity, equity and inclusion through teaching and service endeavors. The bachelor of science in architectural engineering program is an ABET accredited program, which requires faculty members to participate in the accreditation process. Active master's and doctorate programs in architectural engineering also provide opportunities for teaching specialized applications.

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 21st 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. In the area architectural engineering, the department has recently developed chamber and HVAC laboratory facilities for teaching and research in building energy and environmental systems. 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) statement of teaching philosophy, (iv) a statement on the candidate's commitment to equity and inclusion in education, and (v) contact information for five references submitted as a *single* .pdf file (with file structure *lastname_firstname.pdf*) to CAEE-hiring-teaching@iit.edu with the subject line "Architectural Engineering Teaching Faculty Position." 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 students of diverse backgrounds, including, without limitation, individuals of different ages, races and ethnicities, abilities and disabilities, genders, religions, cultures, sexual orientations, and socio-economic conditions. Review of applications will begin October 31, 2022; review of applications will continue until the position has been filled. Additional questions regarding the position should be directed to Dr. Brent Stephens, Arthur W. Hill Professor and Department Chair, brent@iit.edu.

Illinois Institute of Technology is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer dedicated to building a community of excellence, equity, inclusion and diversity. It is committed to fostering an inclusive environment and actively seeks applications from individuals of all backgrounds and identities regardless of race, color, sex, marital status, religion, national origin, disability, age, unfavorable discharge from the military, status as a protected veteran, sexual orientation including gender identity and expression, order of protection status, and/or genetic information. All qualified applicants will receive equal consideration for employment.