

ASSISTANT PROFESSOR OF INSTRUCTION
University of Iowa College of Engineering

Direct Link: <https://www.AcademicKeys.com/r?job=251059>

Downloaded On: Jan. 8, 2025 3:54pm

Posted Jan. 3, 2025, set to expire Feb. 14, 2025

Job Title	ASSISTANT PROFESSOR OF INSTRUCTION
Department	Electrical and Computer Engineering
Institution	University of Iowa College of Engineering Iowa City, Iowa
Date Posted	Jan. 3, 2025
Application Deadline	Feb. 14, 2025
Position Start Date	August 2025
Job Categories	Assistant Professor
Academic Field(s)	Electrical and/or Electronics Computer Engineering
Job Website	https://jobs.uiowa.edu/faculty/view/75486
Apply Online Here	https://jobs.uiowa.edu/faculty/view/75486
Apply By Email	
Job Description	

[The Department of Electrical and Computer Engineering](#) (ECE) at the University of Iowa invites applications and nominations for an instructional track faculty position at the rank of Assistant Professor of Instruction (<https://opsmanual.uiowa.edu/human-resources/faculty/instructional-faculty-policy>) in the general area of computer engineering, computer science and/or electrical engineering to begin in the fall semester of 2025. This position is a full-time academic year appointment and includes an initial three-year contract with the possibility of renewal. Instructional Track Faculty play an important role in advancing the teaching excellence of the College of Engineering. Promotion and advancement opportunities are available for instructional track faculty positions.

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Candidates must be committed to excellence in teaching at every level in the ECE curriculum and able to teach software and hardware-related courses. Essential qualifications include evidence of a strong ability to integrate impactful teaching methodologies, a passion for mentoring students in the general areas of computer engineering, computer science, and/or electrical engineering, excellent communication skills, and a demonstrated ability to foster a welcoming and respectful environment. Prior teaching or professional experience in computer engineering, computer science, and/or electrical engineering is desirable.

The successful candidate is expected to be an engaging and effective teacher in the areas of computer engineering, electrical engineering, and/or computer science. Position responsibilities include classroom teaching of courses, effective laboratory development and supervision, undergraduate student advising, and collaborating with other faculty on innovative teaching methods and curricular advances. The salary and work expectations are based on the University's academic year.

At the University of Iowa, we embrace our responsibility to create a welcoming and respectful campus culture so that all community members can unlock their own potential. Faculty members in the College of Engineering contribute to this mission by designing curricula, research programs, and engagement opportunities that advance understanding of how engineering can positively impact society and emphasize the value of global citizenship. We are committed to recruiting and retaining the most talented and diverse faculty and staff, which involves providing opportunities for employees to "Build a Career | Build a Life." For more information about local work/life resources, including dual-career support, please see: <https://worklife.uiowa.edu/>.

Review of applications will begin on January 6th and applications will be accepted through February 14th, 2025.

Required Qualifications:

- PhD in computer engineering, electrical engineering, computer science, or related field
- Commitment to teaching at every level in the ECE curriculum.
- Excellent communication skills.
- Ability to teach at least five of the topics listed below.

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- Digital Design
- Computer Networks
- Computer Architecture
- Embedded Systems
- Programming
- Software Design
- Software Engineering Project
- Internet of Things
- Robotics
- Cybersecurity
- Electric Circuits
- Electronic Instrumentation
- Capstone Engineering Design

Desirable Qualifications:

- Teaching or professional experience in the general area of [Computer Engineering, Computer Science, and/or Electrical Engineering](#)
- Team development, and/or mentorship experience
- Evidence of effective teaching and ability to incorporate impactful teaching methodologies
- Demonstrated ability to foster a welcoming and respectful environment.

The Application Package

- Cover letter describing areas of specialization, courses taught, and how applicant's qualifications align with this position.
- Current curriculum vitae.
- Statement of teaching interests including teaching evaluations if available and provide a list of specific courses qualified to teach, teaching philosophy, and the applicant's strategies for creating an engaged and respectful classroom environment.

How to apply

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Candidates should submit applications online at jobs.uiowa.edu, requisition **#75486**. Inquiries regarding the position can be made to Dr. Guadalupe Canahuate (Guadalupe-canahuate@uiowa.edu). References will be requested at a later date.

Successful candidates will be required to self-disclose any misconduct history or pending research misconduct investigation including but not limited to sexual misconduct in prior employment and provide a related release and will be subject to a criminal background and credential check.

The University of Iowa is an equal opportunity/affirmative action employer. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, religion, national origin, age, sex, pregnancy (including childbirth and related conditions), disability, genetic information, status as a U.S. veteran, service in the U.S. military, sexual orientation, gender identity, or associational preferences.

Contact Information

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

Contact