

# ALBERT NERKEN SCHOOL OF ENGINEERING ELECTRICAL ENGINEERING TENURE-TRACK FACULTY POSITIONS

Posted On: December 1, 2025

Hours: Full Time

Description:

The Department of Electrical Engineering in the Albert Nerken School of Engineering at The Cooper Union for the Advancement of Science and Art seeks outstanding candidates to fill two tenure-track Assistant Professor faculty positions in electrical engineering. The school is consistently ranked among the top ten undergraduate engineering institutions in the nation and is focused on providing an exceptional engineering education through an intimate experience characterized by small class sizes and a student-faculty ratio of 7:1. Our students and faculty collaborate across disciplinary boundaries to create innovative solutions to societal challenges. The successful candidate will be dedicated to teaching and mentoring undergraduate students in a rigorous project-oriented and supportive academic environment and engaging undergraduate and master's students in research and scholarly activities. The ideal candidate should contribute to Cooper Union's strategic priority of educational innovation and leading-edge pedagogies. The candidate is expected to collaborate with faculty and staff to develop innovative curricular models, modern pedagogical paradigms, and evidence-based assessment techniques. Faculty play a critical role in preparing students to join an alumni community including many that pursue graduate degrees, engage with the start-up tech community, work on cutting edge technology, and generally lead in their field of endeavor. The curriculum is rigorous, analytical and project-oriented.

Candidates are required to have an earned doctorate in Electrical or Computer Engineering. Areas of particular interest are hardware design (e.g., emerging processor architectures and high-speed data systems), communications, and power electronics, though exceptional candidates in any area of specialty are invited to apply. Indeed, The Cooper Union being a small institution, faculty are expected to have a broad perspective, teaching and leading in areas well beyond their narrow discipline.

The Cooper Union was founded in 1859 by philanthropist Peter Cooper to provide an education "equal to the best" to all who qualify, regardless of race, religion, gender, wealth or social status. Today, The Cooper Union provides a rigorous professional education in the Schools of Art, Architecture, and Engineering, including a broad curriculum offered by the Faculty of Humanities and Social Sciences. Fostering a culture of collaboration among a diverse student body and faculty, The Cooper Union teaches students that art, architecture, and engineering have cultural, environmental, and ethical contexts and consequences. As students develop their professional abilities, they recognize their responsibility to advance science and art to benefit society. We encourage and are interested in engaging with candidates with the talent to challenge our students to maximizing their learning potential.

Interested and qualified candidates should submit in one searchable PDF document:

- A cover letter. To assist the search committee, all cover letters should address your interest in The Cooper Union and how you envision your teaching and research interests will contribute to the department and the institution.
- Current curriculum vitae.
- A statement about your teaching philosophy: describe principles, practices or experiences that inform the way you teach (typically 1-2 pages).
- A statement about your research interests, including potential research projects for undergraduates (typically 1-2 pages).
- Contact information for at least three references. At least one reference should be able to specifically address teaching.

Applications should be sent to [hr@cooper.edu](mailto:hr@cooper.edu) and questions may be sent to Department Chair Fred L. Fontaine at [fred.fontaine@cooper.edu](mailto:fred.fontaine@cooper.edu). Review of applications is ongoing with a priority deadline of December 20th, 2025 and will continue until the position is filled.

The Cooper Union offers faculty a competitive compensation and benefits package covering health insurance, retirement benefits, paid parental leave, and savings programs. While the final salary is negotiated based on expertise, skills and experience, the starting salary is approximately \$110k.

This is a unionized position.

The Cooper Union for the Advancement of Science and Art is an Equal Opportunity Employer.

Email materials to: [hr@cooper.edu](mailto:hr@cooper.edu)



