

Assistant/Associate/Full Professor - Educator or Practice,
College of Engineering & Applied Science
University of Cincinnati

Direct Link: <https://www.AcademicKeys.com/r?job=256247>

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Posted Apr. 25, 2025, set to expire Aug. 27, 2025

Job Title	Assistant/Associate/Full Professor - Educator or Practice, College of Engineering & Applied Science
Department	Chemical & Environmental Engineering and Mechanical & Materials Engineering
Institution	University of Cincinnati Cincinnati, Ohio
Date Posted	Apr. 25, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Mechanical Engineering Chemical/Petroleum Engineering - Other
Job Website	https://jobs.uc.edu/job-invite/98664/
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Job Description	

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About the University of Cincinnati

The University of Cincinnati is a major research university (<https://www.uc.edu/>) situated in the heart of Cincinnati, a vibrant city with great economic and cultural strengths. The University's research portfolio encompasses science, medicine, business, education, engineering, technology, the humanities and the arts. Specific and cross-disciplinary areas of focus include analytics, digital media, precision cancer medicine, water, and urban futures. The UC College of Medicine and three affiliated hospitals also provide unique opportunities for multidisciplinary research. As the global founder of cooperative education, UC remains a world-class leader in experience-based learning. U.S. News & World Report consistently ranks UC's co-op program among the top in the country (No. 1 among public institutions).

Job Overview

The College of Engineering and Applied Science (CEAS) at the University of Cincinnati, located in Cincinnati, Ohio invites applications for a full time, open rank, non-tenure track Educator or Practice faculty position to support its educational mission. This is a joint appointment in the Department of Mechanical and Materials Engineering and the Department of Chemical and Environmental Engineering. Rank and salary will be commensurate with credentials.

Essential Functions

- Oversee the instruction carried out in the shared Thermofluidic Undergraduate Teaching Laboratories (TUTL) in the College of Engineering and Applied Science.
- Serve as the lead instructor of record for various Thermofluidic hands-on laboratory courses and modules taught to undergraduates in the various programs of the college. Laboratory courses may include, but are not limited to, areas in Mechanical Engineering, Mechanical Engineering Technology, Chemical Engineering, and Environmental Engineering. TUTL topics will range from the application of Bernoulli's momentum transfer equations to multiple boundary mass transfer in distillation and absorption to heat transfer coefficients from fins to thermodynamic efficiency in engines.
- Update syllabi and laboratory manuals as needed; create and deliver pre-laboratory lectures; provide timely grading of reports, presentations, and other required materials, and develop course and equipment use schedules.
- Mentor, organize the teaching, and coordinate the training of other program faculty to teach multiple sections of Thermofluidic courses.

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- Work with program directors to schedule courses and recommend changes to the content and organization of instructors' laboratories to enhance student outcomes. These changes may include, but are not limited to, identifying equipment upgrades and replacement, changes to course syllabi, and identification of commonalities between experiments that may offer opportunities for consolidating instrumentation and the formation of multi-disciplinary teams of students among programs.
- Work with the technical laboratory manager to ensure the safe and effective operation of the shared TUTL space. This entails consulting with the technical laboratory manager to determine the condition of existing equipment; justification, prioritization, and submission of equipment purchase requests and repairs; as well as oversight and training of teaching assistants.
- Serve on various Departmental and College Committees related to education, student success, accreditation, and others as deemed necessary.
- Participate in or arrange the teaching assistant / faculty staffing of talks and tours of TUTL for prospective undergraduate students and parents, as well as engage in College Undergraduate Open House events.

Minimum Requirements

For the Educator track title, the following is required prior to the effective date of the appointment:

- Ph.D. degree in Chemical Engineering, Mechanical Engineering, or a related field.

For the Practice track title, both of the following are required prior to the effective date of the appointment:

- M.S. degree in Chemical Engineering, Mechanical Engineering, or a related field.
- Three (3) calendar years of experience in industry or academia in the fields of chemical or mechanical engineering.

Application Process

Please complete an online application and upload the listed documents below via the Additional Documents option:

- Cover letter

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- Current Curriculum vitae
- A typed one-page narrative describing your teaching philosophy
- Graduate and Undergraduate university transcripts
- Name and contact information for three (3) professional references

References will be contacted only for those candidates who are selected for the short list. Applications will be reviewed on a rolling basis and the position will remain open until filled.

Compensation and Benefits

UC offers an exceptional benefits package designed to support your well-being, financial security, and work-life balance. ([UC Benefits Link](#)) Highlights include:

Comprehensive Tuition Remission

UC provides tuition remission for you and your eligible dependents, covering tuition costs for nearly all undergraduate and graduate programs offered by the university.

Robust Retirement Plans

As a UC employee, you won't contribute to Social Security (except Medicare). Instead, you'll choose between state pension plans (OPERS, STRS) or an Alternative Retirement Plan (ARP), with UC contributing 10–14% of your salary.

Real Work-Life Balance

UC prioritizes work-life balance with a generous time-off policy, including:

Vacation and sick time

11 paid holidays and additional end-of-year paid time off (Winter Season Days)

6 weeks of paid parental leave for new parents

Additional Benefits Include:

- Competitive salary based on experience
- Comprehensive health coverage (medical, dental, vision, prescription)
- Flexible spending accounts & wellness programs
- Professional development & mentorship opportunities

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To learn more about why UC is a great place to work, please visit our careers page at <https://www.uc.edu/careers.html>

UC is an E-Verify employer. If hired into this position, you will be required to provide satisfactory proof of employment eligibility by providing acceptable, original forms of identification for employment verification via the Federal I-9 employment verification process. A list of acceptable documents can be seen here: <https://www.uscis.gov/i-9-central/form-i-9-acceptable-documents>

Important: To apply you must create a profile and submit a complete job application through the UC applicant portal. We are unable to consider “easy apply” applications submitted via other websites. For questions about the UC recruiting process or to request accommodations with the application, please contact Human Resources at jobs@uc.edu.

FOR ALL FACULTY HIRES OFFICIAL ACADEMIC TRANSCRIPTS WILL BE REQUIRED AT THE TIME OF HIRE

The University of Cincinnati is an Equal Opportunity Employer.

REQ: 98664

Contact Information

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

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