

Electro-Mechanical Technology Visiting Lecturer
Community College of Philadelphia

Direct Link: <https://www.AcademicKeys.com/r?job=262515>

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Posted Sep. 16, 2025, set to expire Jan. 12, 2026

Job Title Electro-Mechanical Technology Visiting Lecturer
Department All Jobs
Institution Community College of Philadelphia
Philadelphia, Pennsylvania

Date Posted Sep. 16, 2025

Application Deadline Open until filled

Position Start Date Available immediately

Job Categories Lecturer/Instructor
Visiting Professor

Academic Field(s) Vocational/Technical
Engineering

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Job Description

Posting Details

Position Information

Position Title: Electro-Mechanical Technology Visiting Lecturer

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Requisition Number: FAC00520

General Description

The Visiting Lecturer in Electro-Mechanical Technology will support the continued expansion of Community College of Philadelphia's (CCP) workforce-aligned Advanced Manufacturing programming, housed at the Career and Advanced Technology Center (CATC) in West Philadelphia. This role involves delivering hands-on, competency-based instruction in industrial electrical systems, mechanical systems, programmable logic controllers (PLCs), and troubleshooting, while advancing student learning through experiential and work-based learning.

This faculty position blends teaching and program coordination responsibilities and is designed for an industry-experienced professional capable of delivering high-quality training aligned with industry-recognized standards in electro-mechanical technology. The Visiting Lecturer will collaborate with internal stakeholders and external partners—including employers, unions, K-12 schools, and workforce agencies—to ensure programming reflects local labor market needs and supports pathways to employment, apprenticeships, and industry-recognized credentials.

This full-time, renewable, non-tenure-track Visiting Lecturer position reflects the College's commitment to equity, access, and career-connected education. As part of the Academic and Student Success Division, Visiting Lecturers contribute to student achievement through inclusive instruction, industry-informed practices, and community engagement—particularly within a minority-serving, open-admissions institution focused on advancing economic mobility and eliminating equity gaps.

#ID23

College Intro

Community College of Philadelphia is an open-admission, predominantly Black institution and a minority-serving institution which provides access to higher education for all who may benefit. CCP's Strategic Plan affirms the College's long-standing commitment to quality, access, affordability and upward mobility while including an emphasis on diversity, equity and inclusion. This plan firmly plants student success at the center of all efforts, establishing the means for each student to achieve their goals.

Teaching faculty are an integral part of the larger Academic and Student Success Division at CCP including Workforce Development or Career Training. The Academic and Student Success Division is a community of learners committed to student success as demonstrated through equitable and measurable outcomes, innovative practices, relevant curriculum, quality learning, and a rewarding student experience. As a minority-serving institution, CCP faculty contribute significantly to our

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collective efforts to improve student success and eliminate racial equity gaps through the utilization of inclusive and high-quality teaching practices.

Specific Responsibilities

- Deliver in-person instruction for CCP's Electro-Mechanical Technology program, emphasizing the safe operation, testing, troubleshooting, and maintenance of robotic, automated, and electromechanical systems.
- Translate complex concepts in electrical systems, mechanical components, and industrial controls into accessible, applied learning using a competency-based education (CBE) framework.
- Facilitate student learning through hands-on labs, simulations, and project-based assignments rooted in real-world industrial maintenance scenarios.
- Align curriculum with current industry standards and employer needs, ensuring relevance to workforce trends and readiness.
- Design, revise, and maintain instructional materials, lesson plans, and lab exercises that reflect current technologies and best practices.
- Integrate digital tools and industrial automation platforms into instruction (e.g., PLC software, HMI systems, CMMS tools).
- Maintain relevant industry certifications (e.g., OSHA 10/30, National Coalition of Certification Centers - NC3, ISA CCST) and participate in ongoing professional development.
- Use formative and summative assessments to measure student learning, provide feedback, and support instructional improvement.
- Serve as a mentor and career coach, preparing students with both technical and employability skills for the workforce or further education.
- Incorporate Universal Design for Learning (UDL) and culturally responsive teaching strategies to support diverse learners.
- Participate in course, program, and institutional assessment activities for continuous improvement and accreditation purposes.
- Support scheduling, operations, and instructional planning for the Electro-Mechanical Technology program, including supply management and lab safety compliance.
- Collaborate with the Director of Advanced Manufacturing and Workforce Development staff to maintain alignment with employer needs and industry certifications.
- Act as a liaison to regional manufacturers, trade associations, and apprenticeship programs to support job placement and experiential learning.
- Participate in student outreach and recruitment efforts, including open houses, school presentations, and information sessions.
- Support student enrollment, onboarding, and retention strategies to foster persistence and

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completion.

- Track program performance metrics, including student progress and credential attainment, for evaluation and grant compliance.
- Coordinate with CCP's Industry Partnerships and Career Services teams to connect students with internships, job placements, and employer engagement opportunities.
- Support and mentor adjunct instructors and instructional aides delivering content in Electro-Mechanical Technology or related programs.
- Contribute to strategic workforce initiatives such as employer-customized training, incumbent worker upskilling, and pre-apprenticeship development.

Minimum Qualifications

- High school diploma or GED and a minimum of 5 years' experience in industrial maintenance within the advanced manufacturing sector, **OR**
- Bachelor's degree in Electrical Engineering or related field and at least 1 year of experience in industrial maintenance.
- Demonstrated commitment to equity, inclusion, and student-centered instruction.

Preferred Qualifications

- Proficiency in Microsoft Office Suite (Word, Excel, PowerPoint) for instructional and administrative tasks.
- Excellent written and verbal communication skills, with the ability to convey technical material to diverse audiences.
- Strong attention to detail in instruction, documentation, and compliance reporting.
- Demonstrated ability to collaborate with faculty, staff, and external partners.
- Strong organizational and time-management skills; ability to prioritize and meet deadlines in a dynamic teaching environment.
- Experience managing multiple projects in a fast-paced, outcomes-driven setting.
- Commitment to fostering inclusive learning environments that reflect and respect student diversity in race, culture, socioeconomic status, and educational background. Prior experience teaching or training adult learners, especially in non-credit or technical education settings
- Bilingual or multilingual proficiency preferred to better serve diverse student populations.
- Experience integrating culturally responsive and equity-minded instructional strategies into technical education.
- Familiarity with current industry standards, safety practices, and technologies in electro-mechanical technology.

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Work Location: Main Campus, NERC, CATC, NWRC

Benefits Summary

Benefits:

"Success Starts Here" at Community College of Philadelphia. We recognize that our success as a college and the success of our students starts with our employees. Our employees are vital to our success. Our total compensation package includes a comprehensive offer of benefits that are unrivaled by most.

Full-time faculty and staff benefits include:

- College-paid medical, dental, drug, life and disability insurance
- Tuition remission (for classes at the college)
- Forgivable tuition loan (for classes at any accredited academic institution)
- 403(b) retirement plan with 10% College contribution with employee contribution 5%
- Flexible spending accounts

Additional College benefits:

- Winter break: 1 week around the third week in December and New Years
- Spring Break: 1 week in March
- Summer Hours: 4-day work week (closed on Fridays) from the 2nd week in May through the 3rd week in August

For More information about the College benefits and eligibility based on employee class, please visit:

<https://www.mycap.online/human-resources/benefits-eligibility>

Salary Grade or Rank: 1

Min Salary/Hourly Rate: \$56,095

Max Salary/Hourly Rate: \$87,161

Job Posting Open Date: 05/15/2025

Position Type: Visiting Lecturer

Employment Status: Full-Time

Special Instructions to Applicants

Interested candidates should complete an online application.

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- Cover Letter of interest and resume required.
- Name and contact information of 3 references required.
- Employment offers are contingent upon successful completion of background checks in accordance with PA Child Protective Services Law.
- Must be legally eligible to work in the U.S.

Community College of Philadelphia is an equal opportunity employer and does not discriminate on the basis of race, sex, sexual orientation, gender identity, religion, color, national or ethnic origin, age, disability, status as a Vietnam Era Veteran or disabled veteran or any other status protected by law, in matters pertaining to employment.

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. * How did you hear about Community College of Philadelphia?
 - CareerBuilder.com
 - HigherEdJobs.com
 - LinkedIn
 - The Chronicle
 - Veterans Job Fair
 - Professional & Technology Diversity Career Fair
 - AL DIA - Diversity Career Fair
 - Community College of Philadelphia Website
 - Indeed.com
 - Other
2. If your answer to the above question is Other, please note the source below. If this question does not apply to you, enter N/A.

(Open Ended Question)

3. * Are you proficient in the use of technology, including Microsoft Office Suite applications (Word and PowerPoint, primarily), email, and the internet?
 - Yes
 - No
4. * Do you have at least a high school diploma or GED and a minimum of 5 years' experience in

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industrial maintenance within the advanced manufacturing sector?

☐ Yes

☐ No

5. * Do you have a Bachelor's degree in Electrical Engineering or related field and at least 1 year of experience in industrial maintenance?

☐ Yes

☐ No

6. * Do you have experience teaching or training in a community college, technical school, union apprenticeship program, or industrial setting?

☐ Yes

☐ No

7. * Are you bilingual?

☐ Yes

☐ No

Documents Needed to Apply

Required Documents

1. Resume
2. Cover Letter/Letter of Application

Optional Documents

1. References
2. Other Document (See Special Instructions to Applicant)

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Contact Information

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

Contact Abby Ametrano Aametrano@ccp.edu

All Jobs

Community College of Philadelphia

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