

Fabrication, Part-Time Faculty (Non-Credit)
Community College of Philadelphia

Direct Link: <https://www.AcademicKeys.com/r?job=268611>

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Posted Nov. 26, 2025, set to expire Mar. 22, 2026

Job Title	Fabrication, Part-Time Faculty (Non-Credit)
Department	All Jobs
Institution	Community College of Philadelphia Philadelphia, Pennsylvania
Date Posted	Nov. 26, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Adjunct Professor
Academic Field(s)	Vocational/Technical
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Apply By Email	
Job Description	

Posting Details

Position Information

Position Title: Fabrication, Part-Time Faculty (Non-Credit)

Requisition Number: FAC00573

General Description

The Workforce Development unit at the Community College of Philadelphia seeks part-time Instructors

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with expertise in digital fabrication and prototyping to support training delivered in partnership with NextFab. Ideal candidates will bring strong, hands-on experience in areas such as 3D printing, laser cutting, woodworking, metalworking, electronics, and CAD/CAM, along with a proven ability to deliver engaging, practical, and industry-aligned instruction. These noncredit courses and workshops prepare students and community members to transform concepts into physical prototypes and products using fabrication technologies. Classes may be offered during daytime and/or evening hours at the Community College of Philadelphia or at partner locations, including NextFab.

Workforce Development provides noncredit education to businesses, organizations, and individuals wishing to enhance their skills and meet professional goals. We offer a comprehensive menu of high-quality continuing education and career-training programs delivered by expert faculty and staff.

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

Specific Responsibilities

- **Instruction:** Teach noncredit classes and workshops in digital fabrication and prototyping, drawing on NextFab's suite of tools and labs. Topics may include woodworking, metalworking, 3D design/printing, laser cutting, electronics and microcontrollers, sewing/embroidery, and related fabrication technologies.
- **Applied Learning:** Guide participants in hands-on prototyping projects, helping them move from design concepts to functional prototypes.
- **Curriculum Delivery:** Deliver assigned modules and projects following approved course outlines, ensuring alignment with industry practices and learner needs.

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- **Documentation & Assessment:** Document student attendance, monitor performance, and evaluate progress through hands-on projects and demonstrations of competency.
- **Technology Integration:** Incorporate digital design tools (e.g., CAD/CAM, Figma, Fusion 360) and fabrication platforms to enhance applied learning.
- **Collaboration & Leadership:** Work with CCP and NextFab teams to align training with workforce development goals and expand community access to fabrication skills.
- **Inclusive Practices:** Create a welcoming environment that is sensitive to the diverse backgrounds of CCP's learners, faculty, and staff.
- **Teaching Excellence:** Model professional standards, maintain lab safety protocols, and inspire students to persist and succeed in hands-on technical learning.

Minimum Qualifications

- Demonstrated expertise in at least one core fabrication discipline (e.g., woodworking, digital fabrication, 3D printing, laser cutting, electronics, CAD/CAM).
- Minimum 3 years of professional experience in prototyping, fabrication, product design, or related technical field.
- Experience teaching, training, or mentoring adult learners in technical or workshop settings.
- Strong communication and facilitation skills; ability to support diverse learners.
- Demonstrated ability to maintain safe and inclusive learning environments.

Preferred Qualifications

- Experience across multiple fabrication technologies (wood, metal, digital fabrication, textiles, electronics).
- Familiarity with entrepreneurship, product development, or maker/startup culture.
- Prior teaching or curriculum design experience in fabrication or applied design.
- Bilingual or multilingual proficiency.

Work Location: Career and Advanced Technology Center

Benefits Summary

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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

For More information about the College benefits and eligibility based on employee class, please visit:
<https://www.myccp.online/human-resources/benefits-eligibility>

Salary Grade or Rank: Adjunct Faculty

Job Posting Open Date: 11/20/2025

Position Type: Faculty

Employment Status: Part-Time

Special Instructions to Applicants

Interested candidates should complete an online application.

- 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,

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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. * Do you have demonstrated expertise in at least one core fabrication discipline (e.g., woodworking, digital fabrication, 3D printing, laser cutting, electronics, CAD/CAM)?
 - Woodworking
 - Digital Fabrication
 - 3D Printing
 - Laser Cutting
 - Electronics
 - CAD/CAM
 - I do not have experience in any of the above
4. * Do you have at least three (3) years of professional experience in prototyping, fabrication, product design, or related technical field?
 - Yes
 - No
5. * Do you have experience teaching, training, or mentoring adult learners in technical or workplace

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settings?

- ☐ Yes
- ☐ No

6. * Do you have experience across multiple fabrication technologies (wood, metal, digital fabrication, textiles, electronics)?

- ☐ Yes
- ☐ No

7. * Do you have familiarity with entrepreneurship, product development, or maker/startup culture?

- ☐ Yes
- ☐ No

8. * Do you have prior teaching or curriculum design experience in fabrication or applied design?

- ☐ Yes
- ☐ No

9. * Are you bilingual or multilingual?

- ☐ 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)
3. Link to Additional Documents

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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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