

**Jr. STEM Fab Lab Instructor Part-Time Non-Credit
Community College of Philadelphia**

Direct Link: <https://www.AcademicKeys.com/r?job=253726>

Downloaded On: Jun. 1, 2025 1:30pm

Posted Feb. 25, 2025, set to expire Jun. 26, 2025

Job Title Jr. STEM Fab Lab Instructor Part-Time Non-Credit
Department All Jobs
Institution Community College of Philadelphia
Philadelphia, Pennsylvania

Date Posted Feb. 25, 2025

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Lecturer/Instructor

Academic Field(s) Sciences - Other
Sciences - Physics
Sciences - Math
Sciences - Computer Science
Sciences - Chemistry
Sciences - Biological
Engineering

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Apply By Email

Job Description

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Posting Details

Position Information

Position Title: Jr. STEM Fab Lab Instructor Part-Time Non-Credit

Requisition Number: FAC00512

General Description

The Jr. STEM Fab Lab Instructor (part-time) delivers direct instruction in robotics and artificial intelligence, project-based learning, and scientific inquiry to middle and high school students in the Jr. STEM Academy's in-school, out-of-school, and summer camps, and programs.

The position is primarily located at the West Philadelphia Regional Center/CATC campus, with frequent travel to the main campus, other regional centers, and partner schools throughout the city.

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

- Conduct STEM lessons for middle and high school students participating in Jr. STEM Academy

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programs and camps at main campus, regional centers, and partnering schools.

- Conduct lessons on STEM theme days, during STEM Summers camps, and weekend events, as needed, providing hands-on activities for field trips and at partnering schools.
- Provide guidance and support specific to STEM concepts and content delivery to partner schools and teachers participating in Jr. STEM Academy programs.
- Conducts lessons and monitors equipment used in full compliance with the Fab Lab Charter requirements.
- Performs duties in a manner consistent with the mission, goals, and core values of the College.
- Delivers quality customer service to internal and external constituents in a professional, helpful, and courteous manner.
- Strives for excellence in teaching, applying best practices in STEM topics, and modeling behaviors that encourage student success and retention. Recognize the unique needs, culture, and context of students and advocate for their learning and well-being.
- Maintains sensitivity, understanding, and respect for a diverse academic environment, inclusive of students, faculty, and staff of varying social, economic, cultural, ideological, and ethnic backgrounds.
- Performs other duties assigned.

Minimum Qualifications

- Bachelor's Degree from an accredited college or university
- One (1) year of experience in direct STEM instruction with K-12 students.

Preferred Qualifications

- Degree in Education or STEM-related major.
- Experience with providing instruction in Coding and CAD software.
- Experience with Arduino, CNC, and Robotics.
- Demonstrated experience teaching diverse student populations and addressing equity gaps.
- Demonstrated experience teaching within a community college.
- Bilingual or other language proficiency.

Work Location: Main Campus, NERC, CATC, NWRC

Benefits Summary

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

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

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Salary Grade or Rank: Adjunct Faculty

Job Posting Open Date: 02/20/2025

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, 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

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- 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 at least a Bachelor's degree?
 - Yes
 - No
- 4. * Do you have at least one (1) year of experience in direct STEM instruction with K-12 students?
 - Yes
 - No
- 5. * Do you have a degree in Education or STEM-related major?
 - Yes
 - No
- 6. * Do you have experience with providing instruction in Coding and CAD software?
 - Yes
 - No
- 7. * Do you have experience with Arduino, CNC, and Robotics?
 - Yes
 - No
- 8. * Are you bilingual?
 - Yes
 - No

Documents Needed to Apply

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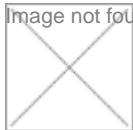
Required Documents

1. Resume
2. Cover Letter/Letter of Application

Optional Documents

1. References

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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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