

Precision Machining CNC (Computer Numeric Controls)
Adjunct Faculty, Non-Credit
Community College of Philadelphia

Direct Link: <https://www.AcademicKeys.com/r?job=255466>

Downloaded On: Jul. 30, 2025 10:31pm

Posted Apr. 7, 2025, set to expire Aug. 6, 2025

Job Title	Precision Machining CNC (Computer Numeric Controls) Adjunct Faculty, Non-Credit
Department	All Jobs
Institution	Community College of Philadelphia Philadelphia, Pennsylvania
Date Posted	Apr. 7, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Faculty Associate Adjunct Professor
Academic Field(s)	Engineering Vocational/Technical
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Job Description	

Posting Details

Position Information

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Requisition Number: FAC00425

General Description

The Workforce Development Division at the Community College of Philadelphia is seeking an experienced and skilled practitioner to serve as an adjunct faculty member for our Precision Machining CNC program. The ideal candidate will possess comprehensive knowledge of **Precision Machining, particularly Computer Numeric Controls (CNC)**, and be capable of effectively instructing students in both theoretical and practical aspects of CNC operation, with a high-level of experience working with Haas equipment. This role plays a key part in preparing students for careers in advanced manufacturing, ensuring they gain the essential skills needed to operate CNC machines and other equipment while preparing for the National Institute for Metalworking Skills (NIMS) certification. As this program grows, there may be potential for this part-time faculty role to develop into a full-time opportunity.

Schedule:

Classes are held during weekdays, typically one day per week, generally between 9:00 am and 3:00 pm, with the potential for additional days. Some evening classes may also be scheduled. Please note that course schedules may change and are based on the College's student needs and enrollment.

Compensation:

Hourly rate of \$50-\$60 an hour.

About Workforce Development:

Workforce Development provides credit and non-credit education to businesses, organizations, and individuals aiming to enhance their skills or achieve educational goals. Our division offers a comprehensive menu of high-quality continuing education and career training programs delivered by expert faculty. We serve diverse business lines, including Continuing Education and Career Training, Contract Training, Corporate College, Small Business Training, and Workforce Testing.

Interested candidates should submit their resume and cover letter highlighting their qualifications and relevant experience.

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*Application materials will be kept on file until 12/31/2025.

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

Specific Responsibilities

Instruct students in foundational CNC machining concepts utilizing HAAS machines, including but not limited to:

- Reading and interpreting engineering prints
- Identifying and using precision measuring instruments
- Performing accurate measurements long-hand
- Understanding metal compositions
- Utilizing reference charts and tools
- Ability to train students in G and M code programing

In addition, the instructor will:

- Provide hands-on training in the setup, operation, and maintenance of CNC machines, specifically HAAS machines.
- Teach the use of additional precision machining equipment such as Drill Press, Milling Machines,

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and Lathes.

- Prepare students for the first three levels of the National Institute for Metalworking Skills (NIMS) certification: Machining Level 1.
- Develop and deliver engaging curriculum designed to enhance student learning outcomes.
- Evaluate student progress through assessments, lab work, and practical applications.
- Maintain up-to-date knowledge of industry standards, work safety protocols, and CNC machining technology advancements.
- Collaborate with Workforce Development staff to ensure the successful delivery of the program.

Minimum Qualifications

- High school diploma or GED required.
- Minimum of five (5) years of hands-on experience working in Precision Machining.
- Must have experience and strong knowledge working on HAAS machines
- Trades certifications demonstrating training on various CNC machines, particularly HAAS equipment.
- Strong expertise in working with HAAS machines, Drill Press, Milling Machines, and Lathes.
- Comprehensive knowledge of work safety protocols related to machining operations.
- Ability to prepare students for the National Institute for Metalworking Skills (NIMS) certification, specifically Machining Level 1.
- Excellent communication skills and the ability to effectively convey complex concepts to students with varying levels of knowledge.
- Commitment to promoting diversity, equity, and inclusion in the classroom.

Preferred Qualifications

- Previous teaching or instructional experience.
- Minimum of ten (10) years of hands-on experience working in Precision Machining
- 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

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

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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
- Paid vacation, holiday and personal time
- Partial remote work schedule for remote work eligible positions

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: Adjunct Faculty

Min Salary/Hourly Rate: \$50

Max Salary/Hourly Rate: \$60

Job Posting Open Date: 10/10/2024

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.

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- 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 first learn about this employment opportunity?
 - Community College of Philadelphia Website
 - Careerbuilder.com
 - HigherEdJobs.com
 - LinkedIn
 - The Chronicle
 - Job Fair
 - Indeed.com
 - HireVeterans.com
 - HERC - Higher Education Recruitment Consortium
 - CCP - Faculty Recruiting Event
 - 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 a high school diploma or GED and at least five years experience working in Precision Machining?
 - Yes
 - No
4. * Do you have Trades Certifications that indicate that you have been trained to work on various

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CNC machines?

- ☐ Yes
- ☐ No

5. * Do you have experience working on HAAS machines and expertise in various aspects of precision machining?

- ☐ Yes
- ☐ No

6. * Do you have experience working with HAAS machines, Drill Press, Milling Machines, and lathes, and knowledge of all aspects regarding work safety protocol?

- ☐ Yes
- ☐ No

Documents Needed to Apply

Required Documents

1. Curriculum Vitae
2. Cover Letter/Letter of Application
3. References

Optional Documents

1. Teaching Philosophy
2. Writing Sample
3. Unofficial Transcripts
4. Letters of Recommendation
5. Other Document (See Special Instructions to Applicant)
6. Resume

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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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