

# Machine Operations, CTE Teacher

Certified - Position - Vocational Education

**Job Number** 4600161003

## Salary

Teacher Salary Schedule Step 1 (Starting Salary \$46,920)

## Position Summary

Under the direction of the school principal and Career and Technical Education director, the teacher in this position will instruct the students in the Career & Technical Education Machine Operations program. Instruction in this program will prepare students to apply technical knowledge and skills in all aspects of shaping metal parts.

In addition, the instructor will prepare students to obtain certification in the National Institute for Metalworking Skills (NIMS).

## Qualifications

- Possess or be eligible to obtain a Pennsylvania Vocational Education Teaching Certificate with Machine Shop 2043 Certification
- Five (5) years of recent (within the last (7) years) trade based or equivalent full-time employment directly related to Machine Operations is preferred (teaching experience in this area is acceptable), but a minimum of two years wage-earning experience in addition to the learning period in Machine Practice is mandated. Experience with CNC/ advanced machining and NIMS certifications is preferred.
- Exhibit excellent written, oral and interpersonal skills and the ability to work with demanding timelines and produce quality products.
- Ability to maintain a good working relationship with other staff
- Demonstrate proficiency with computer applications including Microsoft Office applications, e-mail, Web applications, and industry-specific technology

## *Preferred qualities and attributes include:*

- A commitment to accelerating student achievement.
- A desire to eliminate racial disparities.
- The ability to create a positive school and district culture.
- The willingness to foster and promote innovation.
- The ability to be a culturally-responsive educator who knows how to leverage students' unique skills, interests, and learning styles to create a learning experience that unequivocally includes and empowers each and every student.
- Demonstrated enthusiasm and energy in making a difference in the lives of students.
- Proven ability to empathize with students and prepare them to achieve academic excellence and strength of character so they have the opportunity to succeed in all aspects of life.

## Residency Requirements

No Residency Requirement

## Essential Job Functions

- Exhibit excellent written, oral and interpersonal skills and the ability to work with demanding timelines and produce quality products.
- Ability to maintain a good working relationship with other staff
- Demonstrate proficiency with computer applications including Microsoft Office applications, e-mail, Web applications, and industry-specific technology planning and tailoring units of study according to curriculum guidelines and state requirements; monitor, assist with, and correct academic efforts.
- Demonstrate correct practical procedures.
- Prepare lesson plans that encourage and foster proficient oral and written expression, critical thinking and applications.
- Provide rigorous and relevant instruction on approved hands-on curriculum in the content area and workplace readiness.
- Understand and apply effective strategies and best practices to ensure student success.
- Administer a variety of student assessment tools.

- Take all necessary safety precautions to protect students, equipment, material, and facilities.
- Maintain accurate and complete records as required by district guidelines and state laws.
- Train students to successfully pass a variety of industrial certifications.
- Support student participation in Career and Technical Student Organizations.
- Maintain and update required industry certifications.
- Participate in district and school-based professional development activities and staff meetings.
- Develop and maintain positive and cooperative interactions and communications with parents, colleagues and community.
- Collaborate with core content teachers on common instructional objectives, integration and alignment of academic standards.
- Involvement in professional organizations and community relations preferred.
- Assist the administration in implementing all policies and rules governing student life and conduct.
- Manage classroom behavior.
- Participate in Occupational Advisory Committee meetings for the program.

### **Additional Information**

#### **WORK ENVIRONMENT:**

Employees of the Pittsburgh Public Schools engage in the extremely important and fulfilling job of educating students in the City of Pittsburgh. Employees must believe in, value and be committed to the educability of all; must promote the school and district vision of high standards of learning and academic rigor, continuous school improvement, and the inclusion of all members of the school community; must be willing to work in a high stress environment while maintaining the energy necessary to meet the responsibilities and expectations of the position. A sample of specific elements associated with the work environment of this position includes:

- Frequently required to work at fast pace
- Comfort with ambiguity
- Requires considerable concentration and creativity
- Able to adjust daily work plans and work hours to be highly responsive to school needs
- Subject to stress caused by a changing environment, diversity in the organization, tight deadlines and work load, but must be able to maintain work/life balance amidst intense work demands.

The Pittsburgh Public Schools is an equal opportunity employer and does not discriminate on the basis of race, color, religion, sex, ethnicity, national origin, place of birth, age, ancestry, disability, pregnancy and childbirth, familial or marital status, gender identity or expression, sexual orientation or any other basis prohibited by law.

ADA: The employer will make reasonable accommodation in compliance with the American with Disabilities Act of 1990.

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