



## Human Resources Office

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November 18, 2021

AN EQUAL OPPORTUNITY  
EMPLOYER

### VACANCY ANNOUNCEMENT

HCPS is committed to recruiting and retaining effective and diverse educators and staff to build a climate of student success and improve learning experiences for every child in every classroom.

### Teacher-Computer Aided Machining and High Performance Manufacturing Harford Technical High School January 2022 Vacancy

To create a safe atmosphere conducive for learning and implements instruction in ways that allows all students to learn.

#### DUTIES AND RESPONSIBILITIES INCLUDE

*These items are intended only as examples of the various types of job duties to be performed. The omission of specific duties does not exclude them from the position if the work is a similar, related, or logical assignment to the position.*



- Plans and provides for appropriate learning experiences for students.
- Supervises students in a variety of school-related settings.
- Monitors and evaluates student outcomes. Communicates and interacts with students, parents, staff, and the community.
- Develops, selects, and modifies instructional plans and materials to meet the needs of all students.
- Provides an atmosphere and environment conducive to the intellectual, physical, social, and emotional development of children.
- Strives to maintain and improve professional competence.
- Maintains appropriate records and follows required procedures and practices.
- Maintains regular, on-time attendance.
- Attends meetings and serves on special committees.
- Monitors appropriate use and care of equipment, materials, and facilities.
- Reacts to change productively.
- Oversees and monitors student work in the machining lab to ensure Occupational Safety and Health Administration (OSHA) regulations are being followed.
- Supports students in Career and Technology Student Organization membership, preparation and competition.
- Develops connections with local businesses and outside organizations to promote internships, sponsorships, and/or job placement.
- Performs other work-related duties as assigned.

#### SALARY

Starting Salary for HCEA (\$50,649)  
May increase with additional education and experience.

#### REQUIREMENTS

- Hold or be eligible for a teaching certificate from the Maryland State Department of Education.
- Classroom instruction and pedagogy experience.
- Knowledge of decimal and metric units of measure, geometric dimensioning and tolerancing, calculating speeds and feeds, precision machining, tool and die making, metal forming, manufacturing, production work, and industrial maintenance. (Certifications in OSHA or National Institute for Metalworking Skills (NIMS) are optional).
- Knowledge of a Computer Numerical Control (CNC) machine: setting up the mill/lathe and programming the mill/lathe.

-  Knowledge of manual milling machine and lathe set up and operation. Knowledge of CAD/CAM software.
-  Knowledge of current events in the field of machining and high performance manufacturing.

PROFESSIONAL AND TECHNICAL EDUCATION (GRADES 7-12) NEEDED [COMAR 13A.12.02.15]:

A. To receive certification in professional and technical education (grades 7—12), the applicant shall complete one of the following options:

- (1) Option I: An applicant shall earn a bachelor's or higher degree in a state-approved career and technical program from an IHE.
- (2) Option II:
  - (a) An applicant shall have a bachelor's or higher degree in the career area to be taught from an IHE; and
  - (b) An applicant shall meet the professional education course work required in §B of this regulation.
- (3) Option III:
  - (a) An applicant shall earn an associate's degree in the career area to be taught or a bachelor's or higher degree from an IHE, and provide official verification of 2 years of previous satisfactory occupational experience in the career area to be taught;
  - (b) The occupational experience in §A(3)(a) of this regulation shall:
    - (i) Be within 10 years of the issuance of the certificate; and
    - (ii) Include 1 year full-time employment; or
    - (iii) The applicant may substitute a Department-accepted, current industry recognized credential for the 1 year employment requirement; and
  - (c) An applicant shall meet the professional education course work required in §B of this regulation.
- (4) Option IV:
  - (a) An applicant shall have a secondary school diploma or the equivalent, and official verification of 3 years of previous satisfactory occupational experience in the career area to be taught;
  - (b) The occupational experience in §A(4)(a) of this regulation shall:
    - (i) Be within 10 years of the issuance of the certificate; and
    - (ii) Include 2 years full-time employment; or
    - (iii) The applicant may substitute a Department-accepted, current industry recognized credential for 1 year of the 2 year employment requirement; and
  - (c) An applicant shall meet the professional education course work as required in §B of this regulation.

B. Professional Education Courses.

- (1) With the exception of an applicant under §A(1) Option I of this regulation, the professional and technical education applicant shall complete 12 credits of professional education course work, as provided by §B(2) of this regulation, from an IHE or through Department-approved Continuing Professional Development credits.
- (2) The professional education course work shall include the following topics:
  - (a) Planning, delivering, and assessing instruction;
  - (b) Managing an effective classroom and minimizing risk;
  - (c) Differentiating instruction to accommodate special needs; and
  - (d) Providing reading, writing, and mathematics literacy instruction relevant to the career area.

C. The applicant shall be governed by current licensure, certification, or registration regulations administered by professional organizations or legally constituted authorities in the State in the career area to be taught.

## HOW TO APPLY

Employment applications are accepted **online only**. To access the application, visit the Employment Opportunities section of the HCPS website at [www.hcps.org](http://www.hcps.org). If you have questions or require assistance to complete the online employment application, contact the Human Resources Office at 410-588-5238.

## DEADLINE

Online employment applications will be accepted **until filled**.

The Board of Education of Harford County does not discriminate on the basis of age, ancestry/national origin, color, disability, pregnancy, gender identity/expression, marital status, race, religion, sex, or sexual orientation in matters affecting employment or in providing access to programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

In accordance with the requirements of Title IX of the Education Amendments of 1972 (20 U.S.C. § 1681, et seq.), Harford County Public Schools does not discriminate on the basis of sex in any of its programs or activities or with regard to employment. Inquiries about the application of Title IX, and its implementing regulations to Harford County Public Schools may be referred to Dr. Paula Stanton, Harford County Public Schools Title IX Coordinator, by mail to 102 S. Hickory Avenue, Bel Air, Maryland 21014, or by telephone to 410-809-6064 or by email to [Paula.Stanton@hcps.org](mailto:Paula.Stanton@hcps.org), or the Assistant Secretary for the Office of Civil Rights in the United States Department of Education by mail to 400 Maryland Avenue, SW, Washington, DC 20202 or by telephone 1-800-421-3481, or both.

### ***AFFIRMING EQUAL EMPLOYMENT IN PRINCIPLE AND PRACTICE***