

Employment Opportunity

CUYAHOGA VALLEY CAREER CENTER

www.cvccworks.edu

Posted: August 28, 2020

POSITION: Part-Time Adult Education CNC Machining Technology Instructor

REPORTS TO: Adult Education Coordinator

STARTING DATE:

WORK SCHEDULE: Part Time – up to 20 hours per week

SALARY: Appropriate placement part-time Adult Education instructor salary scale

MINIMUM

- REQUIREMENTS:**
- Related business/industry work and education experience.
 - Work collaboratively with career technical teaching and support staff, and program partners.
 - Experience preferred working with adult students including diverse learners.
 - Experience working with advisory committees and off-site community and business members.
 - Ability to instruct and troubleshoot software and technical problems.
 - The preferred candidate will also have demonstrated strong organizational program delivery and communication skills, both written and oral.
 - Strong technology skills both organizationally and instructionally.

- DUTIES:**
- The scope of instruction includes, but is not limited to, the development and instructional program related to job preparation, planning, and inspection; blueprint and drawing interpretation including the interpretation of models and drawings will assist in determining the appropriate machining processes;
 - the selection and use of precision measuring instruments used to aligned to the dimensions and tolerances of part drawings and models;
 - the use of ancillary machines, tools, and equipment used to assist in preparation and completion of CNC machined parts (saws, grinders, sanders, manual mills, and lathes, etc);
 - programming a vertical 3-axis CNC milling machine and 2-axis CNC lathe using PC-based MasterCAM software;
 - programming using menu structure, interactive graphics, 2D-geometry creation, and editing and tool path simulation;
 - high-speed machining (HSM) or high-efficiency machining (HEM) such as Machining at a high cutting speed (vc), Machining with a high spindle speed (n), Machining with a high feed rate (vf) and Machining with a high removal rate (Q)(HSM);
 - axis combinations, rotary points, and zero positions as they relate to MasterCAM and Industry safety.

- The scope of instruction includes the development of activities and curriculum in a wide variety of career and technical settings for elective and academic credit in a state-of-the-art career and technical learning facility.
- Work with students to develop employability skills with hands-on experiences utilizing classroom and other work projects. Prepare students for NIMS Machining Level 1 Certification.
- Responsible for monitoring student attendance and academic performance.

APPLICATION: Apply online at: <http://www.cvccworks.edu/EmploymentInformation.aspx>

Cuyahoga Valley Career Center is an Equal Opportunity Employer