

ADVANCED MACHINING INSTRUCTOR

NON-CREDIT ADJUNCT

Part-Time

Eastern Gateway Community College invites applications for a part-time non-credit Advanced Machining Instructor position. This position will be responsible for the instruction of our core courses in the non-credit/workforce Advanced Machining programs. This position will work under the direct supervision of the Director of Workforce & Community Outreach. The location of the position is on the Youngstown campus of Eastern Gateway Community College

ESSENTIAL DUTIES & RESPONSIBILITIES:

The primary responsibilities are to teach a variety of key NIMS certifications in machining. The candidate will also work with staff to plan, implement, and update the program and program materials necessary to meet industry needs.

The candidate chosen will need to teach the students the following:

- Set-up, adjust, and operate CNC Milling and CNC Turning machine tools used to perform precision machining operations
- Machine parts to specifications using conventional machine tools, such as lathes, milling machines, and grinders
- Set-up, adjust and operate basic or specialized machine tools used to perform precision machining operations
- Align and secure holding fixtures, cutting tools, attachments, accessories and materials onto machines
- Use precision measuring instruments to create and inspect parts to print specifications
- Teach layout including use of Mastercam CAD/CAM Software, SolidWorks or Inventor
- Establish guidelines and manage conduct of students as appropriate for the classroom
- Some evening classes and weekend work may be required

EDUCATION & EXPERIENCE:

- High School Diploma required, Associate's Degree preferred.
- Prior experience teaching or mentoring in a college, technical, or vocational environment
- Excellent interpersonal, verbal and written communication skills required
- Computer literacy skills are required
- The successful applicant will have excellent organizational skills, the ability to multi-task, and be detail oriented
- Knowledge and proficiency in CNC machine operations: 2-4 axis Mill and Lathe
- Knowledge and proficiency in CAD Design and CAM machine operations: Mill and Lathe
- Knowledge and proficiency in conventional machine operations: Mill and Lathe

- Ability to read and interpret engineering drawings and GD&T symbols
- Knowledge of tooling and speeds/feeds for machining all types of metals
- Ability to use micrometers, electronic gauges, calipers and similar tools/equipment
- Ability to work with diverse populations

Resumes, cover letters, and three professional references (Please provide the name, address, email address, and phone number of each reference) should be sent to David Hancock at careers@egcc.edu

Internal applicants should include an employee ID number in their letter of intent.

Applications will be accepted until this position is filled.

EEO/AA/VET/DISABILITY

Eastern Gateway Community College does not discriminate on the basis of race, color, religion, ancestry, national origin, sex, age, disability, veteran status, military status, gender identity or expression, genetic information or sexual orientation. The College will promote equal opportunities to all employees, applicants for employment, students and student applicants for admission to the College through a positive and continuing affirmative action program. Eastern Gateway Community College will fully comply with all federal, state and local laws and regulations to guarantee equal opportunities. All contractors of this College will comply with existing federal and state regulations concerning equal employment opportunities and affirmative action. Eastern Gateway Community College is an equal opportunity institution.