



Wayne County Community College District

District Office

801 W. Fort Street
Detroit, MI 48226
(313) 496-2765
(313) 963-5816 fax

Human Resources

Notice of Position Openings Internal / External Applications Currently Being Accepted Full-Time CNC Manufacturing/PDP Full Time Instructor Position #A002-23

Posting Date: February 27, 2023

Grade Level: According to AFT Contract

Reports to: Senior Vice Chancellor, Educational Affairs

Deadline: Applications will be accepted until March 10, 2023

Wayne County Community College District is currently seeking **Full-Time** Instructor for the following discipline:

CNC MANUFACTURING/PDP

Summary of Duties: Under administrative leadership, this position is responsible for conducting assigned classes and supporting the advancement of the values represented by the Vision Statement and Mission Statement of the District. Teach subjects with the prescribed curriculum. Serve on faculty committees to develop course goals, objectives, textbook selections, and supplementary instructional materials. Performs other related duties as assigned.

Education and Experience:

- Degree preferred or a combination of education and five years of experience in Industrial Technology, Manufacturing Technology, Engineering, or a related technical field.

Skills:

- Must be proficient in the application of shop mathematics, blueprint reading, and set up of machine shop equipment.
- Ability to safely deliver Precision Machining training.
- Excellent written and oral communication skills.
- Demonstrated initiative and problem-solving abilities.
- Ability to perform routine and unexpected duties with minimum supervision.

Responsibilities

- Teach manufacturing technology skills, including CAD/CAM, 3D printing, CNC multi-axis machining, factory automation, and robotics, and trains in use of equipment, such as lathe and mill machinery.
- Meet classes as assigned times.
- Instruction for these skills must be consistent and compliant with industry standards.
- Create lesson plans and projects to engage students in applied math and science relevant to manufacturing and utilizing WCCCD's Learning Management System (Blackboard).
- Simulate real work experiences through project-based learning in classroom and shop exercises.
- Provide instruction to address the three common learning styles – visual, auditory, and kinesthetic – that result in industry certifications.
- Lead in computer numerical control (CNC) curriculum updates and development.
- Lead syllabus development to deliver student learning outcomes (SLOs) in accordance with industry standards.
- Serve as an accessible mentor and faculty advisor to students.
- Participate in departmental meetings, equity projects, and assessment work.
- Contribute to departmental and institutional committees.
- Create an effective learning environment that fosters students' intellectual curiosity and helps students to problem solve using discipline-specific thinking strategies.

Please reference this position number on all documents: A002-23

Responsibilities (cont.)

- Help students reach their academic, personal, and career goals and cultivates a safe environment that respects the diversity of individuals and ideas by modeling respect for all students and conveying confidence in every student's ability to learn.
- Monitor equipment, materials, and program operations for safety and compliance with Program, Department, and College procedures and policy.
- Notify appropriate supervisors or campus entities of concerns or safety issues.
- Nonessential Functions: An employee in this position may perform some of these responsibilities on an infrequent basis.
- Meet in person with the area Dean and/or other staff to plan and coordinate details of courses as needed.
- Adhere to WCCCD board rules, policies, procedures, and code of ethics.

Application Procedure: Applicants must submit the following to jobs@wcccd.edu for immediate consideration:

- Wayne County Community College District application form which can be found at https://www.wcccd.edu/dept/hr_employee_application.htm
- Cover Letter explaining how your experience and education qualify you for the stated requirements of the position
- Resume or Curriculum Vitae
- Copies of your undergraduate and graduate college transcripts (unofficial copies are acceptable during the application phase; official copies will be required upon hire)
- Three letters of recommendation

Please reference this position number on all documents: A002-23

EQUAL OPPORTUNITY EMPLOYER

Mail Resume to: Wayne County Community College District,
Attention: Human Resources, 801 W. Fort Street, Detroit, MI 48226
Or e-mail your resumes to: jobs@wcccd.edu

Statement of Compliance

Civil Rights Act, Executive Order 1146, and Title II of the Americans with Disabilities Act (ADA) complies with all Federal and State laws and regulation prohibiting discrimination and with all requirements and regulations of the U.S. Department of Education. It is the policy of WCCCD that no person, on the basis of race, color, religion, national origin, age, sex, height, weight, marital status, disability, or political affiliation or belief, shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to employment or in any program or activity for which it is responsible or for which it receives financial assistance from the U.S. Department of Education. (Policy adopted by the Wayne County Community College District Board of Trustees, July 28, 1993).

Notice of Non Discrimination Policy

Any questions concerning Title IX of the Education Amendments of 1972 which prohibits discrimination on the basis of sex, or inquires related to Section 504 of the Rehabilitation Act of 1973 which prohibits discrimination on the basis of handicap, or the College's Statement of Compliance with Federal and State law should be directed to Director of Human Resources, Wayne County Community College District, 801 W. Fort, Detroit, MI 48226 or by calling: 313-496-2765.