

**FLINT COMMUNITY SCHOOLS**  
**AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER**

*Posting Dates: March, 2010 - Until Filled*

**TITLE:** Heavy Equipment /Diesel Mechanic, Instructor – Genesee Area Skill Center

An online application which can be downloaded from our website ([www.flintschools.org](http://www.flintschools.org)) is required for all positions. In addition, for administrative, professional, technical and executive secretarial level positions applicants must submit a signed letter of application, an up-to-date resume, copy of transcripts/degree, if they are not on file in the Human Resources Office, and three professional letters of recommendation relating to the position. The letters cannot be older than 18 months.

Current employees should follow bidding or transfer procedures as set forth within their master contracts, if applicable.

**Special Notice:**

*Your application is not complete until all documents are signed and submitted. Incomplete applications will not be considered for employment.*

**QUALIFICATIONS:**

Education\*: Must meet State of Michigan Teacher Certification guidelines with a Vocational Endorsement in the appropriate area preferred *or*, be eligible for Interim Occupational Certification (BA with appropriate major and 2000 hours with recent and relevant occupational experience) *or*, meet eligibility for an Annual Authorization (4000 documented hours of paid employment in a recent and relevant position; must have an Associates Degree or equivalent credit hours; must agree to pursue a State recognized Teacher Preparation Certification program of study at a recognized teacher preparation institution; must take classes towards teacher preparation degree requirements on an annual basis); and, must complete Teacher Preparation program within seven years.

**Minimum Requirements:**

Associate's Degree in the discipline minimum (5) years work experience preferred; ASE Certification preferred.

Experience: Documented "recent and relevant" (within the past six years) work experience in a Heavy Equipment Diesel Mechanics Operations area.

**ESSENTIAL FUNCTIONS\*\*:**

- Must demonstrate the ability to effectively prepare and daily deliver appropriate instructional curriculum/lesson plans
- Must have organizational skills as it relates to the educational process
- Must have and be able to demonstrate knowledge of the related application and procedures.
- Must demonstrate the ability to manage a classroom
- Must be able to effectively teach and believe that all students can learn
- Must have effective, clear and concise written and verbal communication skills
- Must adhere to the policies and procedures of the Flint Board of Education
- Must be a practitioner of life-long learning
- Communicate with Building Principal to ensure prompt attention with any issues that arise within the classes
- Must manage and maintain student data

**KNOWLEDGE AND SKILL REQUIREMENTS:**

- Demonstrate a thorough and accurate knowledge of their field or discipline.
- Display an ability to interpret and evaluate the theories of their field or discipline.
- Connect their subject matter with related fields.

- Stay current in their subject matter through professional development, through involvement in professional organizations, and attending professional meetings, conference or workshops.
- Learn and use technology to enhance teaching and the educational experience when appropriate.
- Teach a course load appropriate to their field or discipline from the NCCER Curriculum
- Plan and organize instruction in ways that maximize student learning.
- Employ appropriate teaching and learning strategies to communicate subject matter to students.
- Modify, where appropriate, instructional methods and strategies to meet diverse students' needs.
- Employ available instructional technology, i.e. the Internet, telecourse, interactive technology, when appropriate.
- Encourage the development of communication skills and higher order thinking skills through appropriate assignments.
- Contribute to the selection and development of instructional materials in accordance with course objectives.
- Establish and follow meaningful learning objectives.
- Develop and explain methods that fairly measure student progress toward course objectives.
- Evaluate student performance fairly and consistently and return student work **promptly** to promote maximum learning.
- Maintain accurate records of student progress and submit final grade rosters to division administrator each semester according to established deadlines.
- Demonstrate sensitivity to student needs and circumstances.
- Ability to build and maintain relationships with students, faculty and staff
- Performs evaluations of students' hands-on and safety skill performances

***Must have knowledge and experience in:***

- Conventional Equipment Inspection, Shop Theory, Machine Operator Fundamentals Successfully
- Blueprint Reading
- Operating and performing preventative maintenance on the following machinery: Skid steer Loaders, Backhoe Loaders, Mini Excavators, Excavators, Wheel Loaders, Aerial lifts, Bulldozers, Rough Terrain Forklifts
- Repairs and maintains diesel engines used to power machines, such as buses, ships, trucks, railroad trains, electric generators, and construction machinery, using hand tools, precision measuring instruments, and machine tools:
- Reconditions and replaces parts, such as pistons, bearings, gears, valves, and bushings, using engine lathes, boring machines, hand tools, and precision measuring instruments.
- Use hand tools/power tools such as screwdrivers, pliers, wrenches, pressure gauges, and precision instruments, as well as power tools such as pneumatic wrenches, lathes, welding equipment, and jacks and hoists.
- Inspect brake systems, steering mechanisms, wheel bearings, and other important parts to ensure that they are in proper operating condition.
- Perform routine maintenance such as changing oil, checking batteries, and lubricating equipment and machinery.
- Raise trucks, buses, and heavy parts or equipment using hydraulic jacks or hoists.
- Inspect, test, and listen to defective equipment to diagnose malfunctions, using test instruments such as handheld computers, motor analyzers, chassis charts, and pressure gauges.
- Examine and adjust protective guards, loose bolts, and specified safety devices.
- Inspect and verify dimensions and clearances of parts to ensure conformance to factory specifications.
- Specialize in repairing and maintaining parts of the engine, such as fuel injection systems.
- Ignition systems, lights, and instrument panels.
- Disassemble and overhaul internal combustion engines, pumps, generators, transmissions, clutches, and differential units.

**REPORTS TO:** Building Principal

**TERMS AND CONDITIONS OF EMPLOYMENT:** Teacher Basic Salary Schedule

- This position complies with the Policies and Procedures of the Flint Board of Education.
- This position is subject to the terms and conditions of the Master Contract between the United Teachers of Flint and the Flint Board of Education.

## **PHYSICAL DEMANDS FOR POSITION:**

Heavy Work (See U.S. Department of Labor Guidelines)

Environment for this classroom can range from teaching in a typical classroom environment to teaching in a lab or shop environment. The lab and shop environment can require frequent lifting up to 50 lbs., bending, crawling, twisting, stooping, reaching overhead, lying on the ground under a piece of heavy equipment or truck, climbing into a truck or other diesel equipment, and standing for extended periods of time; may have exposure to humidity, cold and hot temperatures from being outdoors, fumes, poor ventilation, and special hazards such as chemical, electrical and mechanical in nature; may need to use protective clothing or equipment.

## **EVALUATION:**

The incumbent in this job is expected to assist the GASC Technology Center in achieving its vision and mission. Performance of this position will be evaluated annually in accordance with provisions of the Master Teacher Contract between the Board of Education of the city of Flint, Michigan and the United Teachers of Flint, Inc.

Interested applicants should apply to The Flint Board of Education, Office of Human Resources, 923 E. Kearsley St., Flint, MI 48503 (810) 760-1218.

Questions relative to the job duties should be referred to the Building Principal, GASC Technology Center, G-5081 Torrey Rd., Flint, MI 48507, (810) 760-1444 ext. 170.

**\*Individuals interested in becoming a certified High School instructor must follow these guidelines.**

**\*\*Other duties as assigned**

### **Statement of Assurance of Compliance with Federal Laws**

It is the policy of the Flint Community Schools not to discriminate on the basis of color, national origin, age, gender, height, weight, disability, religion, or marital status in any of its programs, activities, or employment. Inquiries should be addressed to the:  
Executive Director of Human Resources/Legal Affairs • 923 E. Kearsley St., Flint, Michigan 48503-1974 • (810) 760-1124.

**Translation services are available upon request, please call 760-6770**  
**خدمات ترجمة متوفرة تحت الطلب, الرجاء أن تتصلوا على رقم الهاتف 760 - 6770**  
**Ponemos a sus órdenes el servicio de traducción. Las personas interesadas, favor de llamarnos al 760-6770**

設有翻譯服務, 祇要提出要求, 請電760-6770.