LAKE AREA TECHNICAL INSTITUTE

TITLE: PRECISION / HIGH PERFORMANCE ENGINE MACHINING INSTRUCTOR

QUALIFICATIONS:
1. Extensive knowledge of Machine Tool and High Performance Engine Machining Technology with a minimum of two years shop experience as a technician. Machine Tool Technology or High Performance Engine diploma/degree preferred.
2. Computer literate including CNC programming and related machining software.
3. Excellent people skills, affinity for working with young adults, customers, and coworkers.

REPORTS TO: Precision Machining Department Supervisor, LATI Vice President

PERFORMANCE RESPONSIBILITIES:
1. Classroom instruction and curriculum development for precision machining and engine machining including:
   a. Advanced Computer Numerical Control Theory and Operations
   b. CAD CAM
   c. Electrical Discharge Machine Operation
   d. Fixture Making and Coordinate Measuring
   e. Die Making and Molding
   f. Cylinder Head and Loader Engine Machining/Reconditioning.
2. Supervision and instruction in lab; maintain inventory and equipment.
3. Assist with planning, implementation and evaluation of curriculum.
4. Monitor safety procedures in student operation of equipment and overall lab safety.
5. Work in partnership with co-instructors and partner programs to create an effective teaching team.
6. Advise students regarding academic progress, registration, and other issues.
7. Assist with student recruitment/public relations for department and LATI.
8. Provide a positive role model for students; develop and maintain industry connections, including working with the related Advisory Boards.
9. Other duties as assigned.

TERMS OF EMPLOYMENT
1. 190 day contract
2. Salary and benefits set by Watertown Board of Education