

Electrical & Mechanical Technology Instructor – SY 24/25

EDUCATIONAL QUALIFICATIONS:	<ul style="list-style-type: none"> • Bachelor's degree or beyond with valid Michigan Secondary Teaching Endorsement in Electrical and Power Transmission Installation (46.0301) or Construction Trades (46.0000) <ul style="list-style-type: none"> ◦ <i>Or Eligible for Annual Career Authorization in the CTE Program (current and valid State of Michigan licensure or national certification with 4,000 hours of relevant experience)</i> • Valid Michigan Electrical Journeyman License required; Master Electrician License preferred
MINIMUM QUALIFICATIONS AND SKILLS:	<ul style="list-style-type: none"> • Plumbing and HVAC experience, preferred • Pass and maintain School Employment background check • Physically and mentally capable of rigorous work (capable of sitting on the floor, standing and sitting for extended times, and lifting or pushing a minimum of 50 pounds) • All HISD staff must adhere to the HISD Mission, Vision, Guiding Principles, Expectations, and the staff handbook on the HISD Website, www.huronisd.org homepage
ESSENTIAL DUTIES MAY INCLUDE BUT ARE NOT LIMITED TO:	<p>The Electrical Technology Instructor will effectively communicate and demonstrate knowledge of specific technical skills within the lab and classroom environment to a diverse student population while maintaining a safe and positive environment for students and fellow faculty members.</p> <p>Responsible for the instruction of Electrical Technology courses in one or more of the following areas: DC Theory, AC Theory (single-phase and three-phase), Industrial Solid-State Theory, Motors and Transformers, Motor Controls, Variable Frequency Drives, Programmable Logic Controllers, Including OSHA, and NEC 70E, National Electrical Code, Residential Electrical Wiring and Low-voltage Wiring-including networking and Machine Vision Systems.</p> <ul style="list-style-type: none"> • Instruct students in a classroom setting in an assigned area of responsibility, ensuring applicable core competencies are addressed; develop course syllabus; plan, teach, observe; grade assignments completed by students; and evaluate overall student performance • Participate in the development of applicable instructional materials, exams, workshops, tutorials, presentations, support items, special programs, and other related items • Conduct research of new and revised programs and ideas, educational philosophies, and other applicable items, and maintain current knowledge of the discipline • Facilitate study sessions and workshops with students • Assist in the preparation of schedules and course offerings • Work with shop teachers from local schools annually to enable prevocational and vocational learning objectives to mesh as a coordinated effort • Participation in public relations activities, including HATC tours and open houses • Occasional off-site travel and activities with students • Exposure to wet, humid conditions (non-weather), fumes or airborne particles, toxic or caustic chemicals; extreme heat/cold; and moderate to loud noise levels • Standing, climbing, and sitting for an extended period • Lifting or pushing of equipment or materials up to a minimum of 50 pounds • Ability to use technology to support learning and have the skills to research effectively, including the use of the Internet for research, Google Applications, Microsoft Word/Excel, and other educational software and programming • Participate in professional development opportunities and demonstrate a commitment to continuous learning • Regular and consistent in-person attendance • Valid driver's license with reliable transportation • Other responsibilities as deemed appropriate by the supervisor

TERMS:	<ul style="list-style-type: none"> • Wage and benefits, Per Huron Intermediate Education Association (HIEA) Bargaining Agreement • FLSA: Exempt - Professional
APPLY TO:	<p>Send a cover letter, resume with references and credentials to: jtoner@huronisd.org</p> <p>Applications will begin being reviewed on April 3, 2024. Candidates are encouraged to submit their applications before this date to ensure consideration; however, the position will remain open until filled, and applications received after the review date may still be considered.</p>
POSTING DATE:	Thursday, March 7, 2024
START DATE:	Mid-August - 24/25 School Year