

Position: Drafting & Design / Industrial Tooling Technology Educator
Location: Kearsley High School
Salary: Per KEA Master Agreement
Start Date: 2026-2027 Academic Year



Kearsley Community Schools is seeking a highly qualified candidate to serve as a **Drafting & Design / Industrial Tooling Technology Educator**. This position is available for the 2026-2027 academic year, with an anticipated start date the week of August 10.

The Kearsley Board of Education will offer the successful candidate an annual salary per the [KEA Master Agreement](#) commensurate with their skills and experience. The successful candidate will also receive a complete and competitive **MESSA** fringe benefit package.

The Community

Located in Genesee Township, in north-central Genesee County, our community offers a blend of suburban and rural living. Residents enjoy:

- Genesee County Parks featuring a large lake, campground, and recreation areas
- The Genesee Valley Trail, a 21-mile hiking and biking path
- A variety of local businesses and industrial centers, including the General Motors International Processing Center

Genesee Township provides an ideal balance of natural beauty, recreation, and economic opportunity - making it an attractive place to live and work.

The District

Kearsley Community Schools serves approximately **2,800 students** across four elementary schools, one middle school, and one high school. Highlights include:

- Award-winning early childhood program at the Pumpkin Patch
- Expanded dual enrollment and cutting-edge classroom technology
- Community Building/Restorative Practices with Ali Hearn
- Nationally recognized Bike Tech® and SME Prime programs at Kearsley High School

The district employs approximately 175 certified educators, most of whom hold advanced degrees.

Voters recently approved a \$21,680,000 bond to support new and enhanced learning environments, districtwide improvements, and safety upgrades. Key projects include:

- A new community recreation facility with a 1,500-seat competitive gym, indoor track, and training spaces
- Enhanced STEM and Robotics spaces and flexible classroom designs
- Secure, redesigned entrances for all elementary schools

WHERE PRIDE, TRADITION, AND EXCELLENCE MEET

The Position

The Drafting & Design Teacher creates an engaging, project-based environment where students develop design, drafting, and fabrication skills through real-world applications. Using industry-relevant software and tools, the instructor helps students move from concept development to prototype creation while fostering critical thinking, spatial awareness, collaboration, and a strong maker mentality.

Responsibilities

- Develop and implement standards-aligned instruction in Drafting & Design courses, including architectural drafting, mechanical drafting, technical sketching, and Computer-Aided Design (CAD) utilizing industry-standard software such as AutoCAD.
- Provide differentiated instruction through project-based learning experiences that support Career and Technical Education (CTE) pathways in engineering, architecture, manufacturing, and industrial design.
- Integrate digital fabrication and prototyping processes into classroom instruction, enabling students to apply design concepts through hands-on production using fabrication technologies and equipment.
- Maintain and supervise the drafting and fabrication laboratory, including routine maintenance, calibration, and troubleshooting of equipment such as 3D printers, laser systems, and large-format printers.
- Operate and oversee large-format printing systems, including management of blueprint, poster, and technical drawing production.
- Establish, teach, and enforce safety procedures and equipment certification protocols in accordance with district policies, CTE program requirements, and industry safety standards.
- Support student participation in CTSO and industry-related opportunities, including MITES competitions, exhibitions, showcases, and regional events.
- Assist students in the development of digital portfolios and career-readiness materials aligned with postsecondary education and workforce preparation goals.
- Collaborate with staff, administration, industry partners, and advisory committees to ensure curriculum alignment with current CTE standards, workforce expectations, and emerging industry practices.
- Foster a positive classroom environment that promotes creativity, collaboration, critical thinking, problem-solving, and professional workplace skills.

Qualifications

Qualified candidates must possess a Bachelor's Degree from an accredited university and a Michigan Teaching Certificate with at least one of the following endorsements:

- Industrial Technology (IX)
- Technology and Design (TX) or

Recent/relevant experience within the following CIPS

- Drafting and Design Technology/Architecture 15.1301
- Electrical/Electronics Equipment Installation and Repair 47.101
- Engineering Technology 15.0000
- Foundry 48.5020

- Machine Shop 17.2302
- Machine Shop 17.2303
- Machine Tool Operation/Machine Shop 48.0501
- Machine Tool Technology/Machinist 48.0501
- Manufacturing Cluster 48.0599
- Manufacturing Technology 48.9999
- Materials Support 14.0500
- Mechanical Drafting 15.1306
- Mechatronics 14.4201
- Metal Patternmaking 17.2309
- Metal Trades 48.0506
- Metal Trades/Combined 17.2304
- Metallurgy 17.2400
- Metalworking 17.2300
- Precision Production Trades General 48.0000
- Sheet Metal 17.2305
- Tool and Die Making 17.2307
- Welding, Brazing and Soldering 48.0508

The qualified candidate will use creative instructional strategies along with best practices for classroom teaching which promotes interactive learning and student engagement through technology, literature, and writing. The candidate must be adept with technology and ready to consider emergent techniques to enhance student achievement. Candidates will also:

- Aide in research, development, implementation, and evaluation of the Science curriculum;
- Develop and implement creative and engaging lesson plans;
- Incorporate practical application of content knowledge in lesson plans;
- Differentiate instruction to meet the needs of each learner;
- Develop and implement progressive classroom-based interventions;
- Utilize progress monitoring;
- Monitor and evaluate student development and growth through a variety of assessments;
- Maintain accurate student classroom records.

This position reports to the *Building Principal*.

Application Process

External applicants will submit their application through the [Mid-Michigan Area Public Schools Consortium](#) (MMAPS), Job ID 34583. Applications should include a letter of interest/cover letter, resume, transcripts, and three letters of recommendation.

Internal applicants can submit a letter of interest to [Dr. David Ersig](#), Principal, Kearsley High School.

Contact us

HRAdmin@KearsleySchools.org
KearsleySchools.org



Pride ★ Tradition ★ Excellence

The Kearsley Board of Education complies with all Federal laws and regulations prohibiting discrimination and with all requirements and regulations of the U.S. Department of Education. It is the policy of the Kearsley Board of Education that no person on the basis of race, color, religion, national origin or ancestry, age, sex, marital status or handicap shall be discriminated against, excluded from participation in, denied the benefits of, or otherwise be subjected to, discrimination in any program or activity to which it is responsible or for which it receives financial assistance from the U.S. Department of Education.

Must be posted in 3 places

