



**KAMSC.org**

Kalamazoo Area Math and Science Center

**KALAMAZOO AREA MATHEMATICS AND SCIENCE CENTER  
is seeking a  
Mathematics & Information Technology Teacher  
for  
Accelerated Program Fall 2021**

KAMSC is a countywide public-funded mathematics and science center for academically talented 9<sup>th</sup> through 12<sup>th</sup>-grade students in Kalamazoo County. The center has high national visibility and a reputation for excellence. During its 35 years of operation, the program has provided rigorous and enriched mathematics and science courses for selected students of the Kalamazoo area. Students from various Kalamazoo County schools come to the center half of their school day. Teachers voluntarily work on Wednesday evenings to interact with students and provide additional support.

**MINIMUM QUALIFICATIONS:**

1. Michigan Certification - Secondary Education.
2. Must be able to teach Algebra II through Calculus and Information Technology (IT).
3. Proven ability to coach and advise ninth-graders on adjusting to high school and a rigorous learning environment while attending KAMSC.
4. Experience in coaching students (KAMSC Juniors) through challenging academics.
5. Major in Mathematics, Computer Science, or Engineering.
6. Master's Degree, or equivalent experience, in one of the content areas (Math, Computer Science, Engineering).
7. Three years of teaching experience or equivalent experience;
8. Willingness to participate in responsibilities at times other than usual school hours.
9. Desire to work with advanced level students under innovative conditions.
10. The position assignment includes Pre-Calculus (in coordination with the Algebra II and Calculus courses and the Physics course) and ninth-grade Information Technology.
  - a. The project-based focus of ninth-grade Information Technology is for students to:
    1. learn collaboration skills and presentation skills,
    2. think about career and college planning,
    3. develop time management skills.
  - b. The project-based Information Technology falls under the umbrella of adapting to and exploring new technologies, including presentation software (in addition to PowerPoint), and Microsoft Office products, 3-D printing, video editing, and introductory computer programming.
  - c. The course supports and coordinates with college and career planning, the Biology WebQuest, and the ninth-grade research program.
  - d. The successful candidate will have the opportunity to set the future direction for the IT course's evolution and reevaluate the textbook for the Pre-Calculus course. Note: the graphing calculator is used extensively within the mathematics curriculum.

**DESIRABLE QUALIFICATIONS:**

1. Have proven ability to use multiple instructional and assessment strategies, including making extensive use of the graphing calculator and other technologies.
2. The Information Technology teacher should be "tech-savvy" and comfortable with the Windows operating system environment.
3. The teacher should be flexible and able to work with students successfully in situations other than the traditional classroom and willing to incorporate community resources into the instructional experience.
4. Applicants with proven experience working collaboratively with colleagues preferred
5. Professional learning for the AP Computer Science Principles course is a plus.

**TO APPLY**

Interested external applicants should apply online at [www.KPSJOBS.com](http://www.KPSJOBS.com).

Internal candidates should submit a letter of interest and current resume to:

**Human Resources Department  
Attn: Mr. Steve Leland  
Assistant Superintendent of Human Resources  
3410 Laird Avenue  
Kalamazoo, Michigan 49008**

**(269) 337-0180    FAX (269) 337-0185**

**This position will remain posted until filled.**

**Kalamazoo Public Schools is an Equal Opportunity Employer.**

**FOR ADDITIONAL INFORMATION:**

Contact Dr. Michael Tanoff, Director, Kalamazoo Area Mathematics & Science Center  
269.337.0004 or email [mtanoff@kamsc.k12.mi.us](mailto:mtanoff@kamsc.k12.mi.us)

