

Tawas Area Schools

Middle School Robotics Head Coach

Immediate Supervisor: Principal or Designee

Job Goal: To provide the high school team opportunities to form learning partnerships between students with different technology skill levels while providing engineering expertise. Coach will facilitate activities related to district, regional and state robotics competitions.

THE FOLLOWING POSITION IS AVAILABLE FOR THE 2024-2025 SCHOOL YEAR

Duties and Responsibilities: *The information contained herein is not an exhaustive list of the duties performed for this position. Additional duties and responsibilities may be assigned.*

- Organize and monitor the high school robotics team.
- Build, configure and test robots.
- Design software systems to control robotic systems, such as those robots used for robotics competitions.
- Analyze and evaluate prototypes and robotic systems.
- Review and approve cost estimates and design calculations.
- Serve as technical support for the school team robotics design and competition season.
- Perform research into the design, operation and performance of robotic mechanism components or systems.
- Liaison between team members, mentors, parents and volunteers; communicate expectations to parents and students about what is expected of them in terms of their commitment to the team, prepare for team meetings, coordinating help, maintaining equipment, communicating with your sponsoring organization, purchasing supplies, registering for competitions, creating schedules and team building.
- Make decisions about building, and work to achieve consensus among team members on the mechanical design.
- Use guidelines from team brainstorming to build a robot that can accomplish the team's desired missions and access partnerships with business/community to garner mentors and funding opportunities.
- Enforce standards of performance and production quality.
- Experience in one or more of the following technical areas is also highly desirable: Technical Management, Mechanical Engineering, Electrical Engineering, Robotic Engineering, Physics, Mathematics, Computer Science and Industrial Fabrication.
- The team meets weekly in the fall and most weekdays and weekends during the intense six-week period known as the build season in January thru March. Meetings vary based on the activities needed to ensure preparedness for all upcoming on/off-season events.
- Display kindness, patience and professionalism.
- Follow all safety rules and guidelines established for the robotics program and competitions.

Must have a High School Diploma.

Must satisfactorily pass: Criminal History background check

Please mail or deliver your application to Victoria Fisher at the Superintendent's Office at:

Victoria Fisher (vfisher@tawas.net)

Tawas Area Schools

245 W. M-55

Tawas City, MI 48763

Applications will be accepted until the position is filled.

Posting Date: Tuesday, September 10, 2024

The Tawas Area School District does not discriminate on the basis of race, color, religion, national origin, gender, disability, age, height, weight, marital status, genetic information, or any other legally protected characteristic, in its programs and services, including employment opportunities.