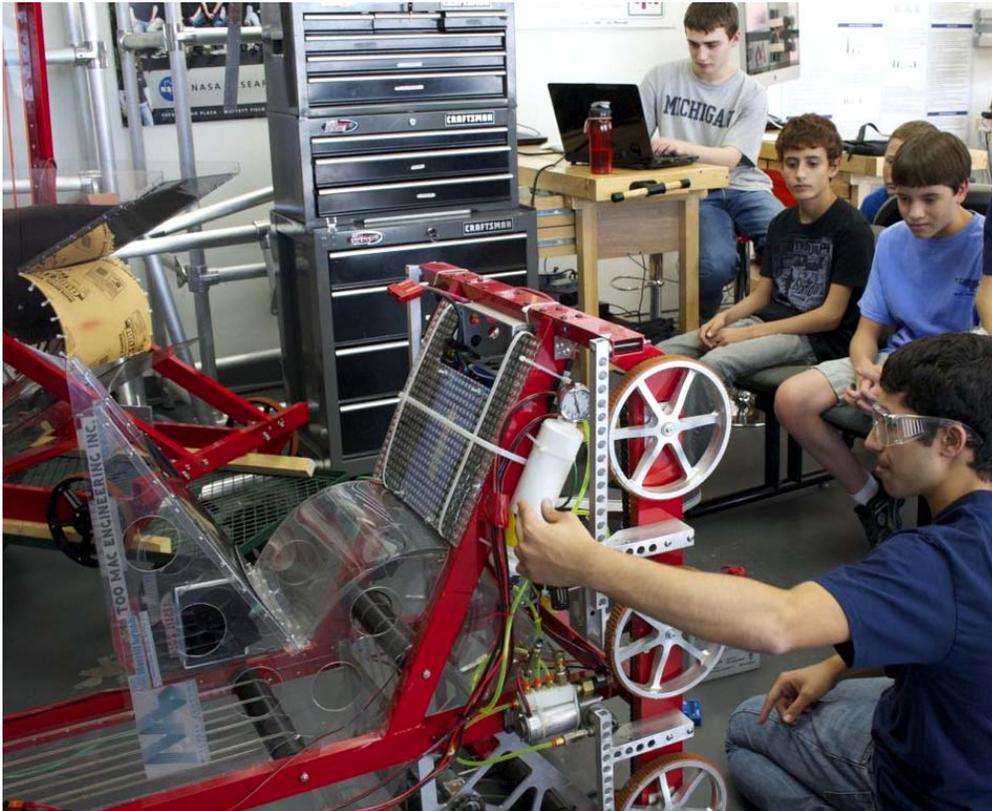


# MILKEN

COMMUNITY  
HIGH SCHOOL

## Director of Robotics for The Institute of Advanced Science and Technology at Milken Community High School, Los Angeles



### **A Leadership Position in a Cutting-Edge Innovative Science Education Program**

On the foundation of the highest academic standards and Jewish ethical and spiritual values, Milken Community High School in Los Angeles develops students with sharp minds, generous hearts, and kind souls. Milken Community High School (grades 7 – 12) is searching for an innovative science educator to serve as Director of Robotics. Due to great growth in the robotics program, this newly created position offers an exciting opportunity. This Director will report to and collaborate with the Director of The Institute of Advanced Science and Technology, which encompasses all science programs, including the Robotics Program and Mitchell Academy of Science and Technology (MAST).

Milken seeks an individual for a newly created position, one who will further cultivate and enhance this already well-established, impressive robotics program and will support and collaborate with the Director of The Institute of Advanced Science and Technology. The Robotics program, which is a branch within The Institute, has garnered great success and interest among the students. Its growth is impressive, and the school needs a strong leader to run this exciting program. Milken believes that learning is about igniting passion in students, that the teacher is a facilitator of learning, that

technology will encourage students to be global connectors and learners, and that evaluation of learning by a wider community will lead to greater competency and achievement.

Milken is searching for a candidate who possesses these qualities:

#### LEADERSHIP

- Innovate with the Director of The Institute in expanding and sustaining the robotics program.
- Direct the entire robotics program, including FIRST FLL, FTC, and FRC with an ability to expand and enhance our FLL and FTC programs, as well.
- Organize all components of the program and its events. The individual must have impeccable organizational skills as well as a clear vision of creating events that will truly showcase students' accomplishments.
- Ability to step into an already successful program, lead, and grow that program
- Represent the robotics program to prospective parents, students, funders, and other organizations both in written form and orally. Must possess comprehensive writing skills.
- Organize and lead travel to all competitions both local and international with students.
- Work with the Director to expand the robotics program to the Middle School and feeder schools.

#### QUALIFICATIONS

- Experience working with middle and high school aged students, preferably teaching FLL and FTC robotics.
- Possess a working knowledge of physics, practical diagnostic electronics, robotics, and computer programming.
- Relevant leadership and organization of a similar educational program.
- Experience being a captain or build team member on a successful FRC team
- Comfort with machining skills, mill work, lathe work, electronics, ordering parts, safety procedures, and planning competitions.

Some of the tenets of the Institute of Science and Technology are:

- The apprenticeship model of instruction. We listen to the student. We want to know what each one's passion is, we want to know what they are interested in and we want to nurture that passion.
- We want to help the student go to the edge of the known knowledge in a specific area of his/her choice. We want to connect them with experts in the field. We want to teach the students how to research, how to write, how to work with media and technology so that they are capable of working shoulder-to-shoulder with graduate students in a university research lab.
- We want to encourage students to test themselves with the rest of the world and the best they have to offer. We want the students to compete in robotics and other competitions and let them learn their own areas of strengths and weaknesses.

- It is not about grades, it is about passion, it is about evaluating each student and figuring out how to maximize their strengths. It is about making them think that they can do anything they think they want to do, and encouraging them to do it and offering to connect them to others who can help them.
- Each student will have a capstone project. It could be a competition, a submission to the Intel Talent Search, a poster at the science symposium, a publication, or a working prototype of an invention.
- We believe the majority of learning occurs outside of the classroom and the most valuable evaluation is external validation by the larger community of learners.

For more information on the robotics program and on Milken Community High School, please visit the following links: [www.milkenhighschool.org/robotics/](http://www.milkenhighschool.org/robotics/) [www.milkenhighschool.org/](http://www.milkenhighschool.org/)

The successful candidate must possess a clear, realistic, and inspired vision of the robotics program and its role in the Milken Community High School and in the future of education.



To apply, send a detailed, compelling cover letter and resume to: [robotics@CalWestEducators.com](mailto:robotics@CalWestEducators.com). The current start date is slated for July 2013, given the ideal candidate applies. Qualified applicants are considered for employment without regard to age, race, color, religion, gender, national origin, disability, or veteran status.

Search Consultants:

Lee Miller, President, Cal/West Educators Placement

Les Frost, Search Consultant, Cal/West Educators Placement

Liz Ganem, Search Consultant, Cal/West Educators Placement

