

# Monta Vista Robotics Team Application

2015-2016 season

## ABOUT MVRT #115

The Monta Vista Robotics Team (MVRT) competes in the *FIRST* (For Inspiration and Recognition in Science and Technology) robotics competition on a yearly basis. Teams from around the world will participate in the new annual game that is revealed in the first week of January. While FIRST hosts many competitions around the country, MVRT has traditionally taken part in the local Silicon Valley regional and Sacramento regional. The robotics experience is a learning one, so don't be afraid to apply.

MVRT runs a \$40,000 normal yearly budget and \$70,000 on alternate years when we attend Championships in St. Louis. We ask for a tax deductible membership donation of \$135 for the year which includes a t-shirt (\$15), end of the season team dinner and registration fee for attending competitions (\$100). The balance of the funds necessary to run this team is obtained by writing grants to corporations, doing fundraisers, and receiving donations.

If a student wishes to become a member of MVRT and cannot afford part or the entire membership fee, scholarships are available. Please talk to the current MVRT President, Praxis Bays, or one of the mentors.

We are asking the names of the companies where parents work in order to help ascertain whether those companies do matching donations or have grants that the team can apply for. If you have any questions, please ask [president@mVRT.com](mailto:president@mVRT.com).

## CONTACT INFORMATION *(Please print legibly. All fields are required)*

Name \_\_\_\_\_ (last) \_\_\_\_\_ (first) Year of Graduation \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ Zip Code \_\_\_\_\_  
E-mail \_\_\_\_\_ Phone # (\_\_\_\_\_) - \_\_\_\_\_  
T-shirt size (*S, M, L*) \_\_\_\_\_ Would you like to Purchase a Polo shirt? (\$25) (*circle one*) YES NO  
Is this your first year on the team? YES NO Gender (*circle one*) Male Female  
Parent's e-mail \_\_\_\_\_ Company \_\_\_\_\_  
\_\_\_\_\_ Company \_\_\_\_\_

## COMMITMENT

What is your class schedule for the year?

Period	Class	Teacher	Room #
1			
2			
3			
4			
5			
6			
7			

What other extracurricular activities will you be involved in and what is their time commitment?

Activity/ Club	Position (If applicable)	# Hours commitment /week

Parent's signature \_\_\_\_\_ Date \_\_\_\_\_

*Please read page 2.*

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MVRT is a student-led team and has many divisions to break up the work and get it done. It is led by an officer group which is elected each year by the current officers and advisors. The team **President** oversees the following divisions:

**Engineering** which has the responsibility of designing and building the robot each year and is made up of:

**Mechanical** is responsible for designing and construction the robot during the six week build season; small projects and training rookies during the fall semester.

**Electrical** which designs and builds the hardware and software of the robot, that is, the wiring, programming, and running of the robot.

**Engineering Data** is responsible for the engineering notebook and seeing that ideas are documented start to finish, including the drawings of the robot needed for competition.

**Operations** handles the support aspect of running the team and has the following divisions:

**Finance** is responsible for the team budget and annually raises over \$30,000 through grants, donations, and fundraisers.

**Public Relations** gets the team recognition with the community by holding demonstrations and presentations.

**Outreach** spreads the word of FIRST and STEM in the community by coaching FLL teams, running thinkFIRST at the elementary school level, and helping run summer programs.

**Media** uses professional software to create a safety video, team logos, banners, t-shirt design, buttons, side panels for the robot, and gives the website its “look”.

**Documentation** is responsible for keeping records of all team events by taking pictures and notes and publishing the information.

**Webmaster** is responsible for building and maintaining the website.

After reading the descriptions above, which divisions are you interested in joining? You are welcome to help out in more than one area. Please describe your previous experiences relevant to the division. What do you hope to achieve by joining? Experience is not required to join.