



Monta Vista Robotics Team Application

2015-2016 Season

Ck# _____
Amount _____
Date Rec _____

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 traveled to a regional competition in another area. The robotics experience is a learning one; we will train you, so don't be afraid to apply.

MVRT runs a \$40,000 normal yearly budget and \$70,000 in years when we attend Championships in St. Louis. The budget includes \$9,000 for FIRST registrations (\$14,000 if we include Championships). Most of the rest of the costs are for travel, robot parts, tools, and supplies. To help cover costs, we ask for a tax deductible membership donation of \$135 for the year, which includes a t-shirt and end of the season team dinner. The balance of the funds necessary to run the 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 amount, scholarships are available. Please talk to the current MVRT President, Praxis Bays, or one of the mentors.

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

IMPORTANT NOTE FOR PARENTS

As part of their Youth Protection Program, FIRST requires students to complete consent and release forms that their parents must also approve. In order to do this, MVRT needs the e-mail of at least one parent or legal guardian to send to FIRST. The parent will then receive an email from FIRST detailing how to register their child. Once the parent has completed registration, the student can be registered with the team. All team members must complete registration and consent and release forms to attend competitions.

In addition, 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@mvr.com. We are a 501(c)(3) under the high school; our tax ID number is 77-0296140.

Parent's e-mail _____ Company _____
_____ Company _____
Parent's signature _____ Date _____

COMMITMENT

What are your free periods? _____

Note that MVRT runs 7 days a week from January to mid-February. While members need not attend every day, regular attendance is expected.

Please read page 2.

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 is responsible for designing and building the electrical hardware and software of the robot, that is, wiring, deploying controls and sensors, programming, and running 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 builds 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.

What Engineering divisions interest you most? _____

What Operations divisions interest you most? _____

What prior experience, if any, do you have with Engineering or Operations activities, either on the team or from other, outside activities? _____