

Chantilly Academy Robotics

Team

The Chantilly Academy Robotics (Team 612) is made of several groups of unique high school students, college students, and adults from Fairfax County. All of these ingenious and crazy individuals have regularly met and still meet everyday after school, on weekends, holidays, teacher workdays, and even snow days in order to craft obscure and unbelievable designs into works of engineered art. During these days, these volunteers give their time, energy, sweat, and pizza money in order to ensure eligibility into the FIRST robotics competition.

Our team was carefully divided between five sub-teams: mechanical, logistics, programming, spirit/marketing and website. These sub-teams have learned the valuable efficiency of teamwork and organization. Through the FIRST robotics competition, gracious professionalism has been the main focus as a result to the natural atmosphere of this friendly competition that team 612 is more than happy to be a part of.

FIRST

Each year students from Chantilly Academy compete in the NASA F.I.R.S.T. (For Inspiration and Recognition in Science and Technology) Robotics Competition. This is a nationally recognized NASA Robotics Competition that encourages and inspires high school students across the nation to design, build, program and test a robot against other teams in a three day tournament. The overall goal of the FIRST program is to generate enthusiasm for science and engineering fields at the high school level, and encourage students to continue their studies at college. Over \$10 million in scholarships is available to participants. This will be Chantilly's eighth year in the competition. In our first year we placed 33rd out of 70 teams, and in the last two years we have advanced to the playoff rounds. In the 2006 season we won the Regional Chairman's Award and Regional Engineering Inspiration Award. We face teams with many years of experience and lots of corporate sponsorship, and are looking for permanent or 1-year sponsors for the team.



In the Community

Chantilly Robotics is very involved in the community. We hold and participate in many local area Technology events to spread the word about Engineering. Along with our community work every year we take hold of a project to help the disabled community. We have built a baby walker for an 18 month old child with crippling disability. Currently we are working on other related projects.