



# Team 342 Robotics Team



**POSITION TITLE:** *FIRST Robotics Team 342 Members*

**DESCRIPTION BRIEF:**

FIRST Robotics Team 342 will run concurrent training programs in the **Engineering, Programming, Design, Animation and Communications** curriculums. Students productively use resources, interpersonal skills, information, systems and technology to build a robot, create designs, and develop an animation video within a required time limit which is capable of competing on a national level. Students also enhance their basic skills, thinking skills, and personal qualities through team preparation and participation in this intense competition.

**WHO MAY APPLY:**

Candidates will be chosen on a competitive basis from schools in Berkeley, Charleston and Dorchester Counties.

**SCHEDULE:**

Upon selection, this opportunity requires students to attend meetings at Bosch for approximately 3 weeks on Saturdays beginning in November. After successful completion of the academic and skills training, students will then work in teams at the Bosch Apprentice Training facility to create our team's entries for the Robotics, Design, and Animation competitions in the 2010 FIRST Robotics National Competition. After the competition kickoff the first weekend in January the workshop schedule is 4:00-7:00 pm, Monday through Thursday. This lasts 6 weeks.

**AVAILABLE TEAMS:**

Mechanical Engineering Team, Electrical Engineering Team, Design Team, Animation Team, Communications Team, Fundraising Team, Spirit Team, Strategy Team, and more...

Candidates who qualify and successfully complete the program can earn a Certificate from TTC in FIRST Robotics, school credit for work experience, college credit for certain classes, and a School Academic Letter.

**REQUIREMENTS:**

Have an interest in science, technology, manufacturing, programming, art or computer graphics, and a good grade average. The student must also have an excellent behavior record, excellent academic record, exhibit a high level of maturity, commit to an investment of time, be able to follow instructions, be dependable, a team player, have a recommendation from a teacher, dependable transportation, parental support and waivers signed.

**INVESTMENT:**

Student must be willing to invest minimum of 20 hours between October through December 2009 for the academic and skills training and an additional 100 hours from January through March 2010 for competition project completion. Students that are eligible to attend the competitions will need resources to pay for travel expenses. All students must submit a **nonrefundable \$100 resource fee** upon being selected for the team and prior to beginning the training program (Note: if for economic reasons the student cannot afford to pay this resource fee it can be waived). Students that are eligible to attend the competitions will need resources to pay for meals.

**HOW TO APPLY:**

Applicants must complete the following forms and submit to the Team 342 contact at your school by September 18, 2009 : a letter of recommendation from your teacher and a Team 342 application. Forms can be picked up in the Guidance Department at your school.

For more information, visit the FIRST Website at [www.usfirst.org](http://www.usfirst.org) and the Team 342 website at [www.team342.org](http://www.team342.org)



**To Be Completed by Teacher**  
**Letter of Recommendation Worksheet**  
**2009 FIRST Robotics Team 342**



Student Name: \_\_\_\_\_ Grade: \_\_\_\_\_

**Student:** It is your responsibility to have this letter of recommendation completed by your teacher and a Team 342 application submitted to your Guidance Department by September 18, 2009

**Teacher:** Please place your *initials* in the appropriate boxes only if the student has met the goal listed. Please print your name and sign the letter if you are recommending this student for the 2009 - 2010 Robotics Team.

- Always in class on-time
- Takes responsibility for own actions
- Excellent behavior
- Dependable
- Team player
- Shows respect for teacher and classmates
- Good academic standing in my class
- Submits homework on time

(Shaded areas are for teacher's use only)

(Optional)

Additional Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I recommend \_\_\_\_\_ for the **FIRST** Robotics **Team 342**.

(Student's Name)

Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_



# 2009 FIRST Robotics Team 342 Requirement Check List



## Student Copy

- Interest in a Science and Technology Career, Manufacturing Technology Skills, Programming, Computer Graphics or Art
- Good Academic Record
- Excellent Behavior Record
- Exhibit high level of maturity
- Commit to Investment of Time
- Follow Instructions
- Dependable
- Team Player
- Recommendation From Teacher
- Dependable Transportation
- Parental Support
- Waivers signed

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## Enrollment Process



