



# Team DBotics #3473

Diamond Bar High School  
FIRST Robotics Competition

The Diamond Bar High FIRST Robotics Team 3473, DBotics, provides students with the opportunity to engage in engineering, science, technology, and business skills in a high-energy environment. DBotics motivates students from all walks of life to develop skills through participating in a real life, hands-on experience. FIRST (For Inspiration and Recognition of Science and Technology) Robotics Competition (FRC) exposes students to engineering, fabrication, programming, web design, photography, presentations, writing, business processes, and much more.

Studies have shown that participants in FRC are:

- Three times more likely to major in engineering.
- Ten times more likely to have had an internship or co-op in their Freshman year of college.
- More than twice as likely to pursue a career in science or technology
- More than twice as likely to volunteer in their communities.

Our team is like any other competitive extracurricular activity – it requires commitment, time, and energy. Engineers from industry, parent volunteers and teachers dedicate many hours of their time to making the team a success. We expect nothing less from you. The rewards include: days off from school to travel to out of town competitions during the year, the opportunity to gain valuable knowledge from members of industry and academia, the chance to build your own robot, opportunities for higher education scholarships and the possibility of winning a national championship in robotics against more than 1000 other high schools.

## Schedule

The current meeting schedule and time commitment includes the following:

*During the “Pre-season” (November – December):*

Training Sessions – **minimum of two days per week, two hours per day in December.**

There may be additional meetings on Saturdays and/or during the week, and for other fund raising or special event days.

*During the “Build-season”:*

The build season (January-February) is an intense and exciting period when all teams have been informed of the competition objectives and have just 6 weeks to complete their robot design and construction prior to shipment. The frequency of meetings during this period will increase as needed to complete the job on time.

**A minimum time commitment of 25 hours per week, usually five days a week from 3:30 to 8:30 during the six weeks**

*“Competition-season”:*

Wed – Sat, for each regional competition (typically two in March).

The team will compete in the Inland Empire regional competition Wed – Sun, another regional event and at the world championships in April (if we qualify and have the funds)

## **Membership**

Team membership is contingent upon review by the team’s selection committee. Membership does not require a technical background. There are many departments on the team including marketing, fund raising, mechanical construction, electrical wiring, web design, safety and software development. Your interests in our departmental areas of need are pluses in the selection process (see application). Team 3473 members have decided on a maximum membership of 25 students, therefore the student selection committee will first choose individuals with interest in the needed departments.

To be a member of the robotics team, you must commit to the following:

- To attend every meeting (except for excused absences)
- **Abide by 25 hours per week requirement (for build season)**
- To arrive on time and participate to the end of every meeting
- To willingly pursue and work diligently on your assigned task(s)
- To show respect for your mentors and teammates
- To avoid “horseplay” and other dangerous or distracting activities
- To follow school rules and expectations.

We hope you will join Diamond Bar High School FRC Team DBotics, and together we’ll do our best to bring home the gold.

**ALL APPLICATIONS ARE DUE BEFORE SATURDAY, NOVEMBER 17<sup>th</sup> 11:59PM to**  
**[teamdbotics@gmail.com](mailto:teamdbotics@gmail.com)**

Please send a **PDF** version of your application. When emailing, please title the subject line: **“FirstName LastName Application”**

**You will receive a confirmation email within 24 hours of your submission**

# Membership Application

Team DBotics #3473

**Applications due to [teamdbotics@gmail.com](mailto:teamdbotics@gmail.com) before 11:59pm November 17th, 2012 as a PDF**

**Title the subject line in your email submission as: *Firstname Lastname Application***

You will receive a confirmation email of your submission within 24 hours

## **Student Information:**

<b>Name</b>	
Grade Level	
ID Number	
Home Phone #	
Cell Phone #	
Text (Y/N)	
Facebook (Y/N)	
Do You Drive? (Y/N)	
Email Address	

## **Class Schedule:**

Period	Fall Semester Class	Teacher	Spring Semester Class	Teacher
0				
1/1A				
2				
3				
4				
5				
6/6A				

**Experience:**

**Do you have experience with any of the following? (Please place number next to category based on your amount of experience. 1 for novice. 5 for veteran. Or leave blank.)**

- |                   |                         |                            |
|-------------------|-------------------------|----------------------------|
| AutoCad/Auto Desk | Electronics & Circuitry | 3-D Animation              |
| Carpentry         | Graphic Design          | Control Systems            |
| Machinery         | C++ Programming         | Java Programming           |
| Welding           | Budget/Finance          | Website Design             |
| Pneumatics        | Robotics                | Video Production           |
| Team Spirit       | Fundraising/Sales       | Journalism                 |
| Photography       | Sensors                 | Logistics/Management       |
| Magnetism         | Mechanics               | Marketing/Public Relations |

Other (please specify): \_\_\_\_\_

Please elaborate on the skills and experience you bring to the team. These do not necessarily have to be math or science related.

**Short Answer**

Why do you want to be part of Team 3473 and what do you hope to learn from the team?

Please tell us about yourself. (Interests, Hobbies, etc.) What career do you plan to pursue?

How do you plan to contribute to the overall success of the team? Provide examples.

Do you have any additional comments on things that we should know that were not included in the rest of the application?

Please list other activities you are involved both inside and outside of school

Activity	Month Involved	Days (M/Tu/W/Th/F)	Times/Hours