

### HURON VALLEY SCHOOLS Inspiring and building futures... one student at a time.



For Inspiration and Recognition of Science and Technology "...to create a world where science and technology are celebrated... where young people dream of becoming science and technology heroes..." - Dean Kamen, FIRST Founder

### The HOT Team is a great experience!

Be a part of this awesome World Championship, Chairman's Award Winning, Hall of Fame team. There are many benefits in being a part of the Heroes Of Tomorrow, HOT Team. You will become part of an international team

and make many new friends around the world. You will also learn many marketable skills during the year. These include skills in various technologies and teamwork. These skills are in high demand by both colleges and businesses. Your involvement in FIRST makes you eligible for numerous college scholarships. And most importantly, it makes you part of the FIRST network. This will give you a foot in the door when you apply to one of the many businesses, which recognize the achievements of FIRST These businesses include: DEKA Research and Development, General Motors, BAE Systems, FedEx, jcPenney, Johnson&Johnson, Motorola, NASA, National Instruments, PTC, Rockwell Automations, Time Warner, Boston Scientific, Baxter,



2013 Curie Division Finalists at FIRST World Championship

Chrysler, Delphi, Kleiner, Perkins, Boeing, Caufield & Byers, Xerox...

### The HOT Team Mission

The HOT Team's mission is to inspire students' interest in science and technology. To accomplish this goal, the HOT Team pairs high school students currently enrolled in the Huron Valley School District with mentors from General Motors Proving Ground and HVS who have similar interests. The mentors and students then work together to build products that are judged in regional competitions and the Championship Event. Products include a robot capable of playing a game designed by a team of renowned innovators lead by Dean Kamen and Woodie Flowers and documentation of the success of the team with multimedia technology.

# The HOT Team has been very successful and is recognized as one of the best teams in the world. We have earned a permanent place in the FIRST Hall of Fame.

The HOT Team has a long history in FIRST. The HOT Team immediately immersed itself in the FIRST philosophy, winning rookie of the year in 1997. The HOT Team has been instrumental in inspiring others in science and technology, starting and mentoring the FIRST LEGO League (FLL) and starting and mentoring new teams. We piloted the FLL in 1998 and have been mentoring teams and hosting FLL regional competitions ever since. The HOT Team has earned the respect of all other FIRST teams for our service to the FIRST community and for our robots. The HOT Team has a history of designing elegant, competitive and robust machines. In 2005, the HOT Team won both the World Championship and the Chairman's Award. In 2008, the Team finished as a World Finalist. The HOT Team won the FIRST World Championship event in back to back years 2009 and 2010. This year we're looking forward to similar success. Everybody's eyes will be on our team. As a FIRST Hall of Fame team, the HOT Team must, through their community service outreach programs, spread the spirit of FIRST within our team, throughout our community and beyond. Our team is known throughout FIRST for our gracious professionalism.

### HOT Team Roles

- **Team Board of Directors**-Comprised of representatives from General Motors, Huron Valley Schools, and the team parent group. The Board of Directors represents the interests of each group in determining the direction of the team. Major team decisions are made by the HOT Team Board of Directors. Parents may bring their concerns to the Board of Directors through the designated parent representatives.
- **Team Leader** Maintains communications within the HOT Team, including the various HOT Team groups, mentors, students, parents. The Team Leader also communicates with event organizers.
- **Mentors -** Adults from General Motors and Huron Valley Schools who work closely with the students in their group. They provide inspiration, expertise, guidance and focus for their group.
- **HOT Team Members** Any student enrolled full time in one of the Huron Valley High Schools may apply to be a member of the HOT team. All HOT team members will contribute to the success of the HOT team. Team members are constantly involved in team activities. Students take direction and learn from their mentors. They will learn and develop competency in the

skills of a particular group as the result of working diligently at the tasks that are set before them by their mentor. When HOT Team members finish tasks they seek new ones. Team members should help each other. They are responsible for their safety and the safety of others at the Proving Ground, at team events, at competitions, and in school. To pursue a career in science or technology a student must have good grades, thus school grades are of utmost importance! Active members must maintain a cumulative 2.5 GPA and may not have an E in any of their school classes. It is your responsibility to see one of your mentors if you are struggling with any of your classes so you can get help <u>well before</u> you reach this point!!



### HOT Team Build, Competition and Community Service Seasons

### The team community service and fundraising season

begins after right after team selection (or after previous season competitions are over for returning members) and runs to the beginning of the build season. The team engages in community service to build on the inspiration and excitement of FIRST by helping in the community, getting the word out that science and technology are worth supporting and celebrating, and fostering

continued growth in FIRST by supporting FIRST





LEGO League and other FIRST Robotics teams. We are involved in many local community events. We participate in Milford Memories, road-clean-up and river-clean-up events. We are also a major attraction in local parades! Our presence in the community is a very important aspect of the HOT team. The team relies on the participation of all team members in several major fundraising activities including the "Stay Dry Tri.", Milford Memories Race, and the Island Lake Triathlon.

#### **GM Security and safety meeting** all students are required to attend the GM

Security and safety meeting prior to coming to the GM Proving Ground. GM security will cover rules that are specific to a top level security facility like the Proving Ground. The safety meeting will be an introduction or refresher of machine shop and robot safety procedures. If you do not attend this meeting you will not get a GM Proving Ground badge.

The build season is a six-week-long period starting the first Saturday of January during which the season's robot game is unveiled and the robot is designed, developed and built. The team works at the General Motors Milford Proving Ground to conceive, design and create the robot, animation, webpage and the essay submissions for FIRST awards. During the build season, we break into smaller more focused groups to efficiently accomplish our overall task.

#### **Build Season Groups**

 Computer Aided Design and Documentation You will work with mentors using AutoDesk Inventor, Mechanical Desktop and SolidWorks to

produce 3D and 2D design for the HOTBOT, the HOT cart and CASEY (our community service/PARADE bot). You will collect and create documentation of the HOTBOT's engineering features to be submitted for judging at the regional and Championship competitions.

- Mechanical Build and Assembly You will work with mentors in the GMPG machine shop. Components for the HOTBOT, the HOT cart, practice playing field and CASEY will be produced on the lathe, vertical mill, CNC and waterjet.
- Electronics & Controls You will work with mentors to wire and create control systems for the HOTBOT. You will experience everything from DC circuits to feedback control with potentiometers, encoders, digital cameras, accelerometers, gyroscopes. FIRST now uses an industry standard cRIO controls platform.
- Programming & Controls You will work with mentors to program the control system behavior of the HOTBOT and CASEY. Coding will be done in C++ and/or LabVIEW. The HOTBOT must have instructions for both operatorcontrolled and autonomous behavior..
- Communications and Documentation You will work with mentors to document, market, and create the imagery of the HOT team. After winning the Chairman's Award in 2005, the HOT team will always have a presence in the FIRST Hall of Fame. The communications group creates media to support this presence. The communications team produces essays for the FIRST awards, compiles video documentation of team activities, creates animation, and updates team web pages and media accounts.

**The competition season** begins in March with the first local competition and ends in mid-April after the Championship Event in St Louis, Missouri. The team typically participates in two (possibly three) district competitions – the state championship– as well as the FIRST World Championship Event. Note that team members must satisfy **all** participation requirements to be eligible for overnight travel trips including the World Championship Event. The members of the HOT team are assigned specific roles for the competition.

#### **Competition Season Groups**

Every member of the HOT Team must demonstrate the HOT Team spirit. We will function as a

team at all times. We will demonstrate sportsmanship and gracious professionalism both on and off the playing field.

 Drive Team-The drive team manipulates the robot and plays the game during competition. The drive team usually consists of 2 drivers and a human player. This team will be chosen for their skill, their ability to listen to the drive team coach, their ability to execute the team's strategy, and their demonstration of gracious professionalism under pressure. They will be required to meet daily after the build season.













• **Pit Crew-**This team is responsible for keeping our robot in working order during the competition and helping other teams maintain and troubleshoot problems with their robots. This team consists of students who have demonstrated a willing attitude, have read and have ready knowledge of all the FIRST robot rules, keep cool under pressure, demonstrate an orderly work

habit, and have detailed knowledge of **every** subsystem on the robot. Broad knowledge of the robot as an electromechanical system is essential for diagnosing problems. The pit crew must demonstrate good communication skills in order to effectively describe our robot to judges at competitions. They will be required to meet daily after the build season.

 Strategy & Scouting- This team is responsible for determining the best strategy for winning the competition and communicating it to the drive team coach. All team members who are not part



of the drive team and pit crew will be responsible for scouting. They are responsible for scouting other teams to gain information about the robots abilities and success rates. They will organize this information so that it is easily accessible and ready for use during the competition.

## Team Communication is Essential !!

**YahooGroups List Serve**- To obtain updated information about team activities and event details all team members **and their parents** must subscribe to the HOT Team YahooGroups list-serve. To subscribe send a blank email to <u>hotteam-subscribe@yahoogroups.com</u> The hotteam list-serve sends e-mail notices to all subscribers (which includes GM executives, HVS administrators, and members from other FIRST teams) If you are not receiving e-mail through this service, check the spam filter settings or spam folder on your e-mail. To remove yourself from this e-mail service send a blank email to <u>hotteam-unsubscribe@yahoogroups.com</u>.

**Team Web Site-** The team website contains a wealth of team information. This includes a calendar, team forms, photos, and much more. The team webpage is <u>http://frcteam67.googlepages.com</u>

#### FIRST Web Site- http://www.usfirst.org

Group Mentor- If you have questions or concerns you may contact

\*The team leader

\*Your child's team mentor

\*The teacher liaisons

\*Your parent's group representative on the board of directors

Please understand that depending on the scope of your concern, a mentor may not act on your concern immediately or independently. Your concern may be presented at the next board meeting so that a collective decision can be made.

### **Team Contacts**

		e-mail	phone
Team Leader	Walt Hickok	wehickok@aol.com	-
Teacher liaison/attendance	Lori Gleason	lori.gleason@hvs.org	734-417-3187
Parent group representatives Beth Beattie		raisin3bbg@gmail.com	
	Ami DeCaire	amidecaire@yahoo.com	
Stay Dry Tri Event Organizer Suzanne Grebe		voghia@comcast.net	

### HOT Team Student/Parent Participation Requirements

## The HOT Team has high expectations of its members. For the team to be successful, every team member must do their share.

#### **Academic Requirements**

- Students must be enrolled full time in one of the Huron Valley High Schools to be a member of the HOT Team.
- Students must have a cumulative 2.5 average in their classes to join the HOT team. Students failing classes during the season will lose their membership status. Students failing to maintain a 2.5 grade point during the season will be put on academic probation. It is the responsibility of the student who is having difficulty with any of their classes to see a teacher mentor so that tutoring can be arranged to prevent any grade from dropping below a 2.5.

#### **Conduct Requirements**

- Team members must adhere to both the school and HOT team Code of Conduct
- Team members must actively participate during the build season, at competitions, and at community service events. Team members must follow directions and work diligently to learn the skills of their particular group and to complete the tasks assigned to them. When tasks are completed, team members should seek new ones. Team members should not linger in the restrooms or the break room. Group mentors may dismiss students during any session if they are uncooperative, disruptive or unproductive in accomplishing the group's objectives for the session. This session will not count toward the participation requirement.
- All team members are expected to be on time for all functions.

#### **Additional Requirements**

- Team members and their parents must subscribe to and monitor team communications by sending an email to <a href="https://www.hotteam-subscribe@yahoogroups.com">https://www.hotteam-subscribe@yahoogroups.com</a>. This is a public forum which is frequently monitored by alumni and members of other FIRST robotics teams. Team members must regularly and frequently monitor team email communications in order to stay informed of team news, schedule and activities.
- Team members must register with FIRST using The Student Team Information Member System (STIMS): <u>https://my.usfirst.org/stims/site.lasso</u>. Returning students can use their login information from last season; new students may register by clicking on the "New Student User" button. STIMS is where students apply to join their FRC team (students must re-apply each year) and complete the 2014 electronic *FIRST* Consent and Release Form,
- Students MUST attend the GM Security and Safety Meeting on December 3, 2013. This meeting is Mandatory for <u>all</u> members (new and returning) At this meeting students will submit their physical (general health and immunization) and travel forms.
- Parent participation is required for fundraising, community service, and serving lunches during the Saturday build sessions and competitions.

To be eligible for travel to overnight competitions including the FIRST World Championship competition and/or receive to a school letter, team members must **additionally** meet all of the participation requirements listed below.

- Team members and their parents must participate in HOT Team Stay Dry Tri fundraising event-You will not be given community service hours for this activity, but your participation is mandatory.
- Team members must be present at and actively participate in a minimum of 20 hours of HOT Team sponsored community service prior to the build season. Ample opportunity will be provided over the summer and fall to fulfill this requirement. One way to fulfill 15 hours of this commitment is to mentor a FLL or FTC robotics team. Verification of participation by the FLL or FTC team coach will be required.
- Team members must be present at and actively participate in a minimum of 90% of build season activities (as defined by the supervising mentor of the group).

Attendance and performance reports will be noted at all meetings and events. Late arrivals and early departures will be factored into participation level. If you are going to miss a meeting you must contact your supervising mentor or Ms. Gleason (<u>lori.gleason@hvs.org</u> or 734 417 3187) to explain the absence.

### **Financial Obligations**

The partnership between the HOT Team, General Motors and the Huron Valley Schools is unique. We are extremely thankful for the expertise of our General Motors mentors and the world class facilities at the GM Proving Ground they have made available to our team. We ask that each student on the team make the following financial contribution:

\$180	Pay-to-Participate, due with your application by:	May 28, 2013		
\$200 Build Season Payment (covers parts used during the build season, Saturday lunches, travel and lodging costs, meals at the events, the event hand outs, post season events, etc.)				
due w	ith your physical and travel forms at the safety meeting by:	Dec 3, 2013		
<u>\$250</u>	Championship Event +Travel Fee, due by: (Students who elect not to attend the St Louis event do not have to pay a	Feb 18, 2014 the \$250 travel fee)		
Returning	Team Member Total	\$630		
\$60	First year team member uniform cost	Dec 3, 2013		
New Tea	n Member Total	\$690		

- Pay online at the HVS Payschools website http://www.huronvalley.k12.mi.us/Shared%20Documents/payschools.aspx.
  Or make checks payable to "Huron Valley Schools" and write "HOT Team" in the memo field or
- If our fundraising activities do not provide adequate income, an additional payment may be required to cover costs.
- Up to \$100 of the above fee can be reduced in \$25 increments, depending on the level of **parent participation in fundraising events**. The amount will usually be \$25 per 4-hour fundraising period, but this amount may depend on the fundraising event.
- Financial assistance is available to a limited number of students, see a teacher mentor for details.
- After February 18, 2014 payments are nonrefundable.

### HOT Team Code of Conduct

The HOT Team is both a team and a professional organization. The HOT Team is part of the FIRST organization sponsored by General Motors Proving Ground. Because individual conduct and appearance is part of the professional expectations at General Motors, it becomes the responsibility of all team members to conduct themselves in a proper, businesslike manner - at all HOT Team activities, from the time they leave home until they return home. All activities of the members of the HOT team should contribute to the success of the team. Attendance at any HOT Team activity is a special privilege. Knowing that any organization is judged largely by the behavior of its individual participants, the following Code of Conduct is to be subscribed to by team members, mentors, and guests who attend a HOT Team activity.

#### Behavior

Students are expected to adhere to the school Code of Conduct at all times.

Adult students shall abide by the same rules and regulations as minor students.

It is expected that team members will **actively** participate in team activities. All team members are expected to be **on time** for all functions.

All persons shall demonstrate gracious professionalism; behaving in a courteous and respectful manner, showing good sportsmanship, teamwork, team unity, self control, positive attitude and support for others. Team members must refrain from language and actions that might bring discredit upon them, their school, their home, their friends, FIRST or upon the HOT Team.

No alcoholic beverages, illegal drugs, or tobacco in any form shall be possessed or used at any time or under any circumstances on public or private properties. Use or possession of such substances may subject the student to criminal prosecution and dismissal from the team.

Possession of a weapon or use of an object in an unsafe or dangerous manner capable of causing bodily harm or fear of life, defacing or stealing any public or private property will result in dismissal from team and will be reported to the proper authorities.

#### At the Proving Ground

The GM Proving Ground is a secure area. Students must wear ID badges and may only be in the areas specifically designated by their mentors.

## Students should report to their mentor. If a student is not with their mentor, they must inform their mentor of their intended location.

#### Students should not linger in the restrooms or the break room.

Personal cameras, laptop computers, and active camera phones are NOT permitted inside the proving Ground.

Students must wear their goggles at ALL times in the shop. Students must be trained before they use any machinery. Students may only use the GM equipment designated by their mentors.

Horseplay is not allowed. Students must be mindful of their personal safety and the safety of those around them.

Students are required to follow the school dress code. No bare midriffs, no bare shoulders, no visible underwear. Closed toe shoes are required in the shop. Loose clothing, jewelry, and watches may not be worn in the shop.

#### Dating

Dating another member of our team or members of other teams is highly discouraged. If you are dating a team member, it should not be apparent by your actions. Open display of affection at any robotics event is not allowed. This includes hand holding and other activities.

#### Competitions

**Participation in competitions is a lot of fun, but it is optional.** If you will not be participating in a competition please let Ms Gleason know as soon as possible so that the team can allocate competition duties efficiently and effectively.

Team members attending the competitions are required to attend the whole competition. While at competitions, students are expected to perform their assigned duties. Team members are required to remain with the team throughout the entire competition. Failure to do so will result in ineligibility to attend future competitions.

Students shall keep their adult mentors informed of their specific activities and whereabouts at all times. Students may not use their own cars or ride in cars belonging to other students during the competition. The buddy system will be strictly enforced. Students must always be with their partner. Students must not be alone at any time.

Uniforms are to be worn at all times during competition.

Goggles must be worn at all times by all team members and their guests while in the pit areas.

Card playing, electronic games, CD players and other such activities are not allowed during the competition, but are allowed while traveling and at hotels.

Students may be responsible for their meals at competitions.

Because travel is required to and from competitions, students not on the official roster for a competition must be accompanied by their parent if they wish to attend the event. Students not on the official roster, must not interfere with or interrupt team activities. If they do so, they will be asked to leave and they will jeopardize their future team travel opportunities.

No mentor should accept responsibility for a student from another school without a written agreement between the administrations of the two schools. That agreement should be attached to the registration forms.

#### **Room/Hotel Behavior**

Attendants are guests using the facilities, special care should be taken to not deface or destroy any property. Individuals, who inflict damage to the hotel rooms or the building, will be held liable for any costs incurred for repair.

Curfew regulations shall be interpreted to mean that each person shall be in his/her hotel room by the published curfew. No team activities will occur after curfew. Room checks will be made nightly by mentors. Once a room check is made, students may not leave their room. Each student shall remain in his/her room until a predetermined time the next morning. Each student will be given the room number and phone number of the mentor(s) to call in case a problem arises during the night.

Students of the opposite gender are NOT ALLOWED to enter each other's room. When possible, we will have a designated room where students can socialize, play cards or watch movies together, while being supervised by an mentor or adult chaperone.

Only people who are on the official HOT Team travel roster may be in a HOT Team hotel room. Students from other teams, friends or students from the HOT Team who are not on the travel roster may not be in HOT Team rooms.

Mentors are responsible for taking all reasonable precautions to ensure the safety of their students and must be readily available in case of an emergency.

It is agreed that, upon violation of the Code of Conduct, the violators' parents will be notified. And the violator will be sent home at their parents' expense. Students violating the Code of Conduct at FIRST competitions <u>will</u> be disqualified from competitive awards.

Serious misconduct shall be reported to the mentor, principal, parents, and if necessary, the proper authorities. Any further disciplinary action will be determined by board action and may result in at least one calendar year of ineligibility.

### **Consequences of Misbehavior**

Violating the team Code of Conduct, being in the willful companionship of someone who violates any portion of the Code of Conduct, or Failing to report any direct knowledge of a Code of Conduct violation will result in disciplinary action.

Misbehavior is not allowed during team activities. Willful violation of the team rules will result in disciplinary action up to and including dismissal from the team. Suitable penalty for violating team rules will be determined by the HOT Team Board. Students exhibiting criminal or dangerous behavior will be referred to the appropriate authority and will be immediately dismissed from the team. Further disciplinary action may then come from the school district, state or federal authorities.

The Code of Conduct rules are made out of concern for the students' safety and the team's success. They will be enforced by the mentors. You must agree to follow these rules to be a member of the HOT Team. If you can follow these rules the whole team will have a GREAT time!

## HOT Team Code of Conduct Agreement

"I have read and I understand the HOT Team Code of Conduct. I agree to follow every rule in the Code of Conduct. I have read and I understand the Consequences of Misbehavior." If I violate the Team Code of Conduct, I agree to abide by the consequences determined by the HOT Team mentors.

Student Signature \_\_\_\_\_

Date \_\_\_\_\_

I hereby give permission for my son or daughter to engage in HOT Team activities. The General Motors Proving Ground and The Huron Valley School District are not liable for injuries or the cost of medical care resulting from any injuries that may occur during HOT Team activities. I also understand that should my son/daughter violate the above rules in the Student Code of Conduct, he/she may be dismissed from the team and/or returned home from any trip, at my expense, at the discretion of the teachers/chaperones involved.

Parent/Guardian Signature

Date

## **HOT Team Participation Agreement**

"I have read and I understand the HOT Team Participation Requirements. I know that I must keep my grades above a 2.5 average and cannot fail any of my classes if I wish to fully participate in HOT Team activities. I understand that if I do not participate in the required community service and fundraising events and do not meet 90% of the build participation. I will not be able to travel to the World Championship event or receive a school letter."

Student Signature Date

I have read and I understand the HOT Team Participation Requirements. I understand that, if my son or daughter's grades fall below a 2.5 or if he or she is failing a class, participation in HOT team activities may be restricted or revoked. Participation in the required team community service and fundraising and in 90% of the build group's build season activities is required for travel eligibility. I understand that if my child is not behaving or being productive during the build, I may be asked to bring him or her home from the session early. I realize that team fees can not be refunded after February 18, 2014.

Parent/Guardian Signature

Date

## **HOT Team Application**

All prospective team members including returning team members must submit the following to

Ms Gleason at Milford High School by May 28 at 8:00 p.m.

 $\circ$  Application

Student Information

- Code of Conduct and Participation Agreement
- Initial \$180 Payment on the HVS Payschools website http://www.huronvalley.k12.mi.us/Shared%20Documents/payschools.aspx. (checks payable to Huron Valley Schools, "HOT Team" in memo field)
- Send a blank e-mail from both your e-mail address and your parents' e-mail to hotteam-subscribe@yahoogroups.com

Late and Incomplete Applications Will NOT Be Accepted!

### This information is important for our records - Write legibly

Name	
School: MHS LHS IA	Year of Graduation
For Freshmen:Which middle school did you attend?	? MMS WLMS OVMS
Mobile Phone #	E-mail
Home Address	
Home Address Shirt Size S M L XL_	XXL
Were you a member of a FLL Team?	
Parent Information	
Parent/Guardians' Names	
	s Mobile Phone #'s
E-mails	
	th team members to facilitate communication
Highlighted information above is confider	ntial
Which build season groups interest you the	most? Rank 1 most - 5 least interest
Mechanical Build & Assembly	Communications
CAD and Design Documentation	Programming & Controls
Electrical & Controls	
Consider this question carefully!	
Why do you want to be a member of the HOT Te	eam? (new team members)
What does being a member of the HOT Team m	
	· · · · · · · · · · · · · · · · · · ·

Student Signature \_\_\_\_\_

Date \_\_\_\_\_

## 2013-2014 Calendar of Events Watch Your Email for Additional Events and Event Details

May 14 Student Information Meeting May 28 Parent Information Meeting Application and \$180 Pay to Participate Fee Due May 28 (if possible please use pay schools for the participation fee) June 21-22 MARC summer robotics competition July 13 Commerce Road Clean-up (community service) July 19-20 IRI robotics competition July 27 & 28 Novi Island Lake Triathlon (fundraising event) Aug 10-11 Milford Memories (community service and fundraising) Aug 24? Huron River Clean-up (community service) Labor Day 30K Fundraising Event August 31 September Mentor a LEGO league team September Safety Animation September CAD/Programming jump start September Kettering Kickoff Sept 14 Kensington Challenge (community service) Commerce Road Clean-up (community service) Sept 21 Sept 28 7-9:30am Diehl's 4 Mile Foot Race-cheer on the Verbruggee's Mentor a LEGO league team October Safety Animation October CAD/Programming jump start October Stay Dry Tri set up (fundraising) **Oct 5**? Stay Dry Tri race (fundraising) **Oct 6?** November Mentor a LEGO league team November CAD/ Programming jump start Milford Holiday Parade (community service) **Nov 24** FIRST LEGO League State Tournament Set-up (community service) Nov FIRST LEGO League State Tournament (community service) Dec Dec 3 Safety Meeting-\$200 Build fee due Jan 4 FRC Kick-off Jan 6 Season Strategy Meeting **Build Season Begins** Jan 7 Feb 18 \$250 Travel Fee Due FIRST Build Schedule

January-February

General Motors Proving Ground -Building 40 Every Tue, Thur 4:15-7pm+ Every Sat 8am-4pm+ (Your group may hold optional meetings on Mondays if there is a lot of work to do)

### 2014 FIRST Competitions

- . March
- Early April (April 10-12?)
- April 23-26

-2 District Events -Michigan Championship Event

-World Championship Event (St Louis, Mo)