**FIRST Robotics Team #4293 Code of Conduct**

**Background**

FRC Team #4293, Team Komodo, is a FIRST Robotics Competition (FRC) team that was founded in 2012. FIRST stands for “For Inspiration and Recognition of Science and Technology”, and the FIRST Robotics Competition consists of a 6-week build period for a 120-lb. autonomous/tele-operated robot starting in early January every year, with a competition later in the spring. The team meets year round to practice, train, fundraise, and reach out to the local community.

**Team Objectives**

As a team with a history of success and desire to grow into one of Colorado’s preeminent teams, there is motivation to thrive. As such, a baseline “Code of Conduct” was deemed necessary by the team mentors and senior team members.

**Our Goals:**

1. **To encourage a passion for science and engineering through education and experience.**
2. **To enlist the support of our community to donate time, sponsorships, and/or equipment to help the team to continue to inspire students.**
3. **To bring together a team of students, mentors, and parents to build a robot to compete in FRC.**

**Team Requirements**

The following list is designed to represent each student’s base level of responsibility towards the team. If, at any time, you don’t feel like you can fulfill your obligations, please talk to a mentor to discuss your concerns.

1. **Students must be in 9th- 12th grade**
2. **Students are to participate fully in all aspects of the team. This includes developing engineering skills, fundraising, independent research, participating in team events and outreach efforts.**
3. **Team members agree to be safe, constructive, respectful, and supportive of other team members and mentors during team meetings.**
4. **There is a zero-tolerance policy in regard to the consumption or possession of drugs or alcohol while working on the robot, attending team meetings, or in any way representing the team. Any violation of this will result in immediate dismissal from the team.**
5. **Students are expected to participate in fundraising and outreach events throughout the year. We need to raise a minimum of $10,000-20,000 per school year for tools, equipment, and other expenses.**
6. **All team members are expected to attend as many meetings as possible. We need students willing to commit the amount of time necessary to turn our dreams and ideas into reality.**
7. **Team members must understand they have a sense of responsibility to make sure they are fulfilling their designated obligations.**
8. **Team members should never operate machinery or tools unsupervised. All team members pledge to review the FIRST Safety rules.**
9. **Students will respect other’s individual property. This includes the team’s, the machine shops’, and other team members’ property.**
10. **Team members may only work on the robot during scheduled team meetings.**

**Basic safety rules**

The following list is crucial for the safety of the student and his/her peers. We will be using power tools and other potentially dangerous equipment throughout the year. There is absolutely no tolerance for safety violation, and penalties will be enforced in the case of any disregard for the rules.

***Continuous disregard for safety regulations is grounds for dismissal from the team.***

1. **Each student must complete an annual safety training program before working with tools or machinery (all cleaning implements are excluded from this requirement)**
2. **Each student must consider it their duty to protect themselves and their peers from accidents and unsafe behavior. Horseplay and goofing around are not tolerated.**
3. **All team members and parents must wear safety googles near any machinery or the robot**
	1. **Each member will be given one warning per meeting when not wearing safety goggles and then they will be excused to another activity that does not require safety goggles.**
4. **Parts being machined are well secured with a vise or clamps.**
5. **No machine is to be used without proper demonstration and direct mentor supervision.**
6. **No student should ever operate a machine when another student is standing too close.**
7. **All clothing must be appropriate for the shop (i.e. no skirts, no open-toed shoes, no baggy clothing, no hoodies, no shorts, no hanging jewelry). Long hair must be tied back. Personal belongings are stored outside of work areas.**
8. **Pinch points on the robot are identified.**
9. **Do not distract or startle the operator of any machine. Wait until they are finished using the equipment.**
10. **Always use the correct tool for the job being done.**
11. **Battery power on the robot is always disconnected during maintenance and repair of the robot.**
12. **When the robot is running, everyone in the room should have an elevated sense of caution and someone must be ready to power off the robot. The magic words to stop the robot are “STOP STOP STOP!” or “HOLD HOLD HOLD!”**
13. **All tools are to be treated with care, and when done for the day, all tools are to be returned and all work areas cleaned.**
14. **Team members should remind delinquent team members of noticed violations, or report to the Chief Safety Officer and a mentor, depending on the offence.**
15. **When traveling on behalf of the team, the “buddy system” shall be utilized, at a minimum. Do not “wander off” by yourself at competitions or events.**
16. **Running and horseplay is never permitted in the shop.**
17. **Report all injuries to a mentor immediately.**
18. **Any and all unsafe behavior will receive one warning. After one warning if the behavior continues the team member may be excused to another activity or from the entire meeting.**
19. **There is to be no food or drink around the robot.**

**Parent Involvement**

1. **During build season we would like to have parent volunteers that could work together and alternate weekends to help provide snacks for the team during weekend build days.**
2. **Volunteers are welcome to help monitor student safety during build season and help with community outreach events.**
3. **Parents are responsible for monitoring their student’s grades.**
4. **Parents are asked to respect and follow the safety guidelines outlined above along with other mentor guidelines**

**Student’s Academic Obligations**

These academic requirements are similar to those of any school related team at any high school. **Parents** are responsible for monitoring their student’s grades as we have no way to check grades for ourselves. There is a large time dedication to the team, but that is no reason to let grades slip. Should there be any problems with grades, contact a team mentor. Our mentors and senior students are knowledgeable and willing to help with tutoring or homework if necessary. We want all of our students to be as successful as possible.

1. **Each student must maintain a grade point average of 2.0 or above.**
2. **Grades of D or F are not allowed. Should a grade slip, the student will be on probation from the team until grades are improved.**

**Registration through FIRST**

All students must be registered through the FIRST organization and have a signed code of conduct turned in by January 1st. Directions for how to register through the FIRST organization can be found on the team website: <http://www.youngengineers.us/returning-students.html>

By signing below, you agree to all the rules and conditions that come with joining FRC team 4293. If you have any question about any of the information above, please contact the YEA board at yeaboard@youngengineers.us

**\*Student Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_**

**\*Parent Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_**

Authorization To Reproduce Likeness FRC Team# 4293 / Young Engineers

This is a Consent and Release of Rights for FRC Team# 4293 (“Young Engineers”) its officers, directors,

employees and designees. Designees include those managing, contracting, sponsoring, hosting,

conducting, evaluating or publicizing (including individuals and entities working with Young Engineers

in print, publication, television, broadcast or video media). As used below, “Participant” shall mean any

individual, student, mentor, teacher, or volunteer involved in a Young Engineers or FIRST Robotics

event.

In consideration of the acceptance of my participation in one or more Young Engineers team meetings

and FIRST Robotics Competition Events, I agree to the following:

I grant Young Engineers, to Cooperating Designees, and to press and media present at Young Engineers

events, the right to photograph, videotape, or otherwise digitally collect my likeness, voice and sounds

during my participation at all Young Engineers and FIRST Robotics Competition events. I further

acknowledge the works by Young Engineers and all FIRST Robotics Competition Cooperating Entities to

be works made for hire, and grant to the Young Engineers and Young Engineers’ Cooperating Entities

and designees all rights in these Works and the right to use or sublicense these Works and my name,

likeness and biography, at the Young Engineers team discretion, in all media and in all forms and for all

purposes, including without limitation, advertising and other promotions for the Young Engineers team,

FIRST Robotics Competition or the Young Engineering Cooperating Entities and designees, without any

further consideration to me or any limitation whatsoever.

I HEREBY RELEASE Young Engineers and the FIRST Robotics Competition’s Cooperating Entities and

their respective successors, affiliates, licensees and assigns from all claims, demands, liabilities,

damages, costs and expenses attorneys' fees, other professional fees and expenses, and any claims

including, without limitation, claims for compensation, defamation, or invasion of privacy, or other

infringements or violations of personal or property rights of any sort whatsoever that I may now or

hereafter have against Young Engineers, and the FIRST Robotics Competition’s Cooperating Entities and

designees arising in connection with my participation in any FIRST Robotics

This Release shall be binding upon my heirs, personal representatives, and me. This Release shall be

governed by and construed under the laws of the State of Colorado, which shall be the venue for any

legal action.

This Release constitutes the entire agreement among the parties hereto with respect to the subject

matter of this Release and supersedes any and all previous agreements among the parties, whether

written or oral, with respect to such subject matter.

I understand that this form involves a release of legal rights.

Participant Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Participant Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_

For Participants under the age of eighteen (18) years listed above:

I hereby consent and agree to the above as the Parent/Legal Guardian of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, in which case "I", "me" and "my" used herein shall refer to said minor.

 Print Parent or Guardian Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Parent or Legal Guardian Signature \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_