



# Robotics

## *First Tech Challenge*

2019-2020

**Who:** 1R-4R Scholars

**Where:** Room 1429

**When:** Wednesdays & Fridays, 3:45-6:00 p.m.

**First Meeting:** September 13

**Advisor:** Magister Butchko, Ms. Ortiz, Mr. Millan

**Fee:** \$195, payable to *Parnassus*

**Deadline:** Wednesday, September 11

### **All skill levels are welcomed and needed!**

Join a project-based, hands on program that introduces coding, programming, and engineering! *First* programs are inclusive, creative and offer a hopeful environment for students to collaborate to solve a yearly robotics challenge.

FIRST® Tech Challenge is way more than just robots! It challenges teams to design, build, program, and operate robots to compete in a head-to-head challenge using an alliance format. Guided by faculty and parent mentors, students develop STEM skills and practice engineering principles, while realizing the value of hard work, innovation, and working as a team. In addition to the team designing and building a robot, they will also design and market their team brand, document their team's journey in an engineering notebook, and do community outreach to earn specific awards.

The team will compete in the FTC league during the fall (dates TBD), and attend the qualifying tournaments in Elk River either Saturday or Sunday, January 11 or 12. This will be an opportunity for our team to show what they learned and invented, and compete with their robot.

**FTC Kick-Off:** Saturday, September 7, for all participants who are able to attend. Please contact Ms. Baddin for more information at [baddin@parnassusprep.com](mailto:baddin@parnassusprep.com).

### **First-Come/First-Serve**

Please note, FIRST® Tech Challenge rules allow for the maximum enrollment in this club to be 15 scholars.

### **REGISTER**

To register please fill out the Parnassus Activity and Insurance Waiver form and return it to the main office along with payment. Checks can be made payable to ***Parnassus***. Registration is not complete until the registration form and payment have been received.

Questions:

Ms. Baddin: [baddin@parnassusprep.com](mailto:baddin@parnassusprep.com) (763)-496-1416 ext. 290