

2018 Application for First Tech Challenge (Rev 1.2), Grades 7-8 (18-19 School Year)

Application Due Date: Friday, June 1st, 2018 **Regular Season:** Late August – January, 2019
Weekly Commitment: 2-3 meetings/week **Championship Season*:** February, 2019
Robotics Program Coordinator: John M. Bridgen **Contact Number:** (717) 919-3206
Application Submission Methods: Drop-off payment and application at school office
Program Fee: \$125/student due with Application. Payable to: St Leo the Great, Memo Line: FTC

Anticipated Meeting Location: Jones Honda, 1341 Manheim Pike, Lancaster, PA 17604

Summary

The FTC program is a middle/high school program that focuses on mechanical design, programming, strategic thinking, and teamwork. More information on the FIRST FTC program is available at: <https://www.firstinspires.org/robotics/ftc>

While this is a new program to the school and the format will evolve, the intent is we will field a competitive team and will require a serious commitment both from parents and students. The expected weekly meeting commitment will be 2-3 days' week. Every attempt will be made to have regularly scheduled meeting dates and times, however as the teams are run by volunteer's variability in the weekly meeting schedule may occur. Regular attendance is required. Applicants are required to have their commitment be the highest priority after school activity. Any student who regularly misses meetings will be asked to leave the program. Your submission of this application acknowledges this commitment.

At this time, we are still looking for parents to help coach this program. The program will be limited to 6-8 students at the head coaches' determination. Due to costs and space of this program, we will only accommodate a single program for the 2018-2019 season. Students will be selected for the program based on prior FLL program experience and the application information. Any student applying to FTC but not selected will be offered a position in our FLL program.

To allow access to all students interested in this outstanding experience, we encourage all parents to consider volunteering. No prior experience in robotics or engineering is required. Assistance is available to help guide new volunteers to being successful coaches. Team responsibilities can be split among many parents; however, a primary/head coach will be required. Please indicate below your ability to be the head coach or assistant coach, and the approx. hours you would be available each week for the team.

| | | | | | | | | | | |
|-------------------------|-----|----|------------------------------|-----|----|----|----|----|----|----|
| Head Coach (Circle One) | Yes | No | Assistant Coach (Circle One) | Yes | No | | | | | |
| Hours Available/Week: | | | Days Available to Coach: | Mo | Tu | We | Th | Fr | Sa | Su |

As the school is only able to offer limited funding for the program, the program fee will be \$125/student. As St Leo's realizes this financial commitment may be a burden on some families, if this fee is a barrier to entry please contact Mrs. McLean as assistance is available as to allow equal access to all. While the parents are required to sign the application below indicating understanding of the program's expectations, the second page is required to be completed and signed by the students with only limited guidance from their parents.

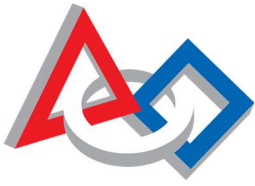
Parent Printed Name

Parent Signed Name

Phone Number

Date

Family Email Address(es) used to Communicate Program Information During the Season



Student Application Section for FIRST Tech Challenge Team Membership (Rev 1.2)

To be completed by student with minimal guidance from parents

(A family with multiple kids must have each individual child applying for the program complete this page)

| Team Requirements | Yes | No |
|--|------------|-----------|
| I understand that FTC will be my primary after-school team commitment | | |
| I understand the FTC season runs into both fall and winter sports | | |
| I understand that if I am not able to regularly attend meetings, I will be asked to leave the team | | |
| I understand that this program requires my full commitment for approximately 6 months | | |

| Additional Information | |
|--------------------------------------|--|
| School Attended (List Name) | |
| Grade (18-19 School Year) | |
| Prior FLL Program Experience (Years) | |

Please write a few sentences to explain why you want to be part of the FTC robotics program. In the event we are not able to accommodate all applications, along with prior FLL experience, this answer will be used to select members for the team so please provide a thoughtful answer.

| Interest – The FTC team requires many different skill sets. Please rank each of the program areas below, 1-10, with 10 as the area of most interest and 0 as the area of least interest. | |
|---|--|
| Programming – Use a computer to program the robot to move the motors and use the sensors to complete various missions on the game table | |
| Robot Game Strategy – Review the various missions available in the robot game to help determine which missions to accomplish and in what order to play them in the game | |
| Robot Build – Design the robot and the tools (for example a scoop to lift parts) used to complete various missions on the game table. The FTC program does NOT use Lego’s and will require more involvement from the students to complete a robot build | |

Student Printed Name (First and Last)

Student Signed Name

Date