



**Welcome – and thank you for your interest in FIRST Tech Challenge...**

The FIRST Tech Challenge (FTC) robotics competition is an intermediate program that provides an affordable, accessible opportunity for all high schools to participate in FIRST. Aimed at high school-aged youth, teams create robots to compete in an annual challenge geared around real-world robotic problems in a fun and fast-paced game.

Teams are not only judged how their robots perform on the field, but in other ways as well including: teamwork and Gracious Professionalism, the engineering process they followed, how they connect with their communities, and how they think outside the box. FTC is one of four FIRST Robotics Programs. Each is targeted to different age groups and needs.

#### **How FTC Works**

- Teams are composed of young people, ages 12-18 (Grades 7-12).
- Adult coaches and mentors are involved with assisting the students in most areas
- Teams use a modular, reusable robotics kit that includes everything teams need to compete including: a complete metal set, robot controller, motors, sensors, gaming controllers, rechargeable batteries and chargers, and software.
- Teams come from public, private, or home-schools; after-school groups, churches, civic and neighborhood groups. Teams solicit support from their community and corporate sponsors.

#### **FTC NJ League / Conference Structure**

##### **North East Edge League**

- Bergen Conference: All Bergen County
- North East Conference: Hudson, Union Counties

##### **Northern League**

- South Essex Conference: Essex County cities of Orange, East Orange, Glen Ridge, Newark, Maplewood
- Far North Conference: Passaic, Sussex, Warren Counties, and Essex County cities of Nutley, Montclair, Caldwell, Livingston, West Orange

##### **Central West League**

- Western Conference: Hunterdon, Morris Counties
- Central Conference: Mercer, Somerset Counties

##### **Southern League**

- Upper South Conference: Middlesex, Monmouth, Ocean Counties
- Deep South Conference: Atlantic, Burlington, Camden, Cape May, Gloucester, Cumberland, Salem Counties

#### **For On-Line Information**

[www.firstinspires.org](http://www.firstinspires.org) – follow the links for the FIRST Tech Challenge  
[www.NewJerseyFTC.com](http://www.NewJerseyFTC.com) – for NJ Events and announcements  
*Like us on NJFTC Facebook!*

#### **Contact information**

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**FTC NJ Program Sponsor**



# New Jersey FIRST Tech Challenge: Season 2021 / 2022

(Revision D)

## ● MULTI-TRACK WORKSHOP

- 08/21/21 FTC NJ Multi-Track Workshops; Kean University, 1000 Morris Avenue, Union, NJ

## ● KICK-OFF EVENT

- 09/18/21 Virtual Kick-Off & Game Reveal – Livestreamed from R&J Control, Dover, NJ

## ● PRACTICE DAYS

- 10/16/21 Practice Day 1 – Tinkering & Workshops; Raritan Valley Community College, 118 Lamington Rd, Branchburg, NJ
- 10/16/21 Practice Day 2 - Immaculate Conception HS, 33 Cottage Place, Montclair, NJ
- 10/23/21 Practice Day 3 – Tinkering & Workshops; Toms River High School North, 1245 Old Freehold Rd, Toms River, NJ

## ● PERIOD #1 – EARLY & HOLIDAY MEETS

- 10/30/21 Halloween Saturday – Meet (Northern League); Haunted Harvest @ Lenape Regional HS, 28 Sparta Road, Stanhope, NJ
- 10/31/21 Halloween Sunday – Meet (NE Edge League); Halloween Ruckus @ Westfield High School, 550 Dorian Road, Westfield, NJ
- 11/06/21 Saturday Meet (Southern League); Howell High School, 405 Squankum Yellowbrook Rd, Farmingdale, NJ
- 11/07/21 Sunday Meet (Northern League); Immaculate Conception HS, 33 Cottage Place, Montclair, NJ
- 11/13/21 Saturday Meet (NE Edge League); Don Bosco Prep High School, 492 Franklin Turnpike, Ramsey, NJ
- 11/14/21 Sunday Meet (Central-West League); ← *Central Conference venue pending*
- 11/27/21 Thanksgiving Saturday – Meet (Central-West League); Roxbury Township Recreation Center, 72 Eyland Ave, Roxbury, NJ
- 11/28/21 Thanksgiving Sunday – Meet (Southern League); Girl Scouts of Jersey Shore PAC, 127 Yellowbrook Rd, Farmingdale, NJ

## ● PERIOD #2 – MID SEASON MEETS

- 11/20/21 Saturday Meet (NE Edge League); Cliffhanger @ Cliffside Park HS, 64 Riverview Ave, Cliffside Park, NJ
- 11/21/21 Sunday Meet (Central-West League); ← *Western Conference venue pending*
- 12/04/21 Saturday Meet (Northern League); Essex County West Caldwell Tech, 620 Passaic Ave, West Caldwell, NJ
- 12/05/21 Sunday Meet (Southern League); Southern Scuffle @ Williamstown Middle School, Williamstown, NJ
- 12/11/21 Saturday Meet (Central-West League); Grace Church on the Mount - Randolph Campus, 758 NJ-10, Randolph, NJ
- 12/12/21 Sunday Meet (NE Edge League); *Scotch Plains-Fanwood HS, 667 Westfield Rd, Scotch Plains, NJ 07076*
- 12/18/21 Saturday Meet (Southern League); Clearview Regional Middle School, 595 Jefferson Road, Mullica Hill, NJ
- 12/19/21 Sunday Meet (Northern League); *Kean University, 1000 Morris Avenue, Union, NJ*

## ● PERIOD #3 – LATE SEASON MEETS

- 01/08/22 Saturday Meet (Northern League); Liberty Science Center, 222 Jersey City Blvd, Jersey City, NJ
- 01/09/22 Sunday Meet (Central-West League); Bear-ly 2022 @ Pingry School, 131 Martinsville Road, Basking Ridge, NJ
- 01/15/22 Saturday Meet (NE Edge League); Winter Blast @ Dwight Morrow/Academies, 274 Knickerbocker Rd, Englewood, NJ
- 01/16/22 Sunday Meet (Southern League); P.A.L. of Atlantic County & EHT, 2542 Ridge Avenue, Egg Harbor Township, NJ
- 01/22/22 Saturday Meet (Central-West League); *Delbarton School, 230 Mendham Road, Morristown, NJ 07960*
- 01/23/22 Sunday Meet (Northern League); Blair Academy, 2 Park Street, Blairstown, NJ
- 01/29/22 Saturday Meet (Southern League); Jersey Shore Showdown @ Toms River HS North, 1245 Old Freehold Rd, Toms River, NJ
- 01/30/22 Sunday Meet (NE Edge League); Robo-Wrangle @ Emerson Jr. Sr. High School, 131 Main St, Emerson, NJ

## ● LEAGUE TOURNAMENTS

- 02/05/22 Southern League (Upper South Conference); Frozen Frenzy @ Timothy Christian School, 13 Ethel Road, Piscataway, NJ
- 02/06/22 Northeast Edge League (Northeast Conference); Perfect Swarm @ Bayonne High School, 669 Ave "A", Bayonne, NJ
- 02/12/22 Northern League (South Essex Conference); Payne Tech, 498 West Market Street, Newark, NJ 07107
- 02/13/22 Central-West League (Central Conference); Snow Day Showdown @ Hightstown High School, 25 Leshin Lane, Hightstown, NJ
- 02/19/22 Central-West League (Western Conference); Robo-Tussle @ Chatham High School, 255 Lafayette Ave, Chatham, NJ
- 02/20/22 Northern League (Far North Conference); Robo-Joust @ Livingston High School, 30 Robert Harp Drive, Livingston, NJ
- 02/26/20 Northeast Edge League (Bergen County Conference); Rock Slide @ Glen Rock High School, 400 Hamilton Ave, Glen Rock, NJ
- 02/27/22 Southern League (Deep South Conference); North Burlington County Middle School, 160 Mansfield Road East, Columbus, NJ

## ● CHAMPIONSHIPS

- 03/06/22 FTCNJ Championship Tournament @ Morris Knolls High School, 50 Knoll Drive, Morris Knolls, NJ
- 04/27 - 30 FIRST Tech Challenge World Championship; Detroit, Michigan