



NEW MEXICO FIRST TECH CHALLENGE



Welcome to the Alamogordo *FIRST* Tech Challenge Scrimmage Tournament!

Hosted by Alamogordo High School, Holloman Air & Space STEM Outreach, and ASTRO Vikings *FTC/FRC*

Welcome to Alamogordo!

We are SO looking forward to seeing you all December 7 & 8 at our scrimmage event held here in Alamogordo, New Mexico! This year's game **Into the Deep** is an exciting one! It's time to celebrate the achievements of your team. Please read the following information and help us have a fantastic tournament. **Good luck Teams!!!!**



PRESENTED BY  RTX

Schedule for the Tournament Friday, Dec 6, 2024 6:00 pm – 9:00 pm

Venue opens to teams for early check in, inspection, pit set up and practice. We encourage as many teams as possible to take advantage of this opportunity. Getting all teams inspected in a timely manner will ensure that the event runs on time. At 9:00 PM the venue closes for the night. (times can change ... we will announce or check at registration desk!)

There will be no team judging at this scrimmage. Instead we will host two half hour open judging demonstration sessions where two volunteer teams will give their judging presentation and field questions from a judge panel in public! The judging panel will then provide open feedback and critiques to the two teams. **This is a unique opportunity to see into the usually closed judging process that all teams will experience at official *FTC* Qualifier and Championship competitions. A huge Thank You to A.S.T.R.O. Vikings and ENIGMA for volunteering for this!**

Teams and Friday setup volunteers will have a Pizza Party starting at 7PM. Pizza is provided courtesy of A.S.T.R.O. Vikings. For order planning purposes please let me know if you will be attending Friday evening and how many of your team will be there.

This year we are having the event in the Cafeteria! You will enter AHS from First Street unto Tiger Drive. Teams will enter the building through the south end of the building. We are still determining which entrance and will send a quick update on Thursday. It will either be the commons or the cafeteria. **There is a basketball tournament so please DO NOT enter through the Tiger Pit.** I will have A.S.T.R.O. Vikings outside looking for teams, but if you are at all confused on where to enter Friday evening, please call Heather (575)442-1158 and I will send help!

Saturday, Dec 7, 2024

- 7:00 am Pits open, Team registration opens, Inspection continues
- 8:00 am Drivers meeting on the field & Coaches meeting in entry hallway
- 8:30 am First Open Judging Demonstration session with the A.S.T.R.O Vikings in cafeteria
- 9:00 am Second Open Judging Demonstration session workshop with ENIGMA in cafeteria
- 9:10 am Opening Ceremonies in cafeteria
- 10:00 am Qualification Matches begin
- 12:00 pm Lunch Break
- 1:00 pm Qualification matches resume
- 2:00 pm Alliance Selections
- 2:30 pm Elimination matches

4:00 pm Pit & Competition field teardown, teams pack out
5:00 pm Awards & Closing ceremony (starts after the TD and PDP are satisfied w/pit area status)
5:45 pm Event ends
6:00 pm Building closes (all teams please clear the venue by 6:00 pm unless you are helping with cleanup & teardown!)

PLEASE NOTE THAT NO WIFI NETWORKS MAY BE SET UP BY TEAMS IN COMPETITION VENUE!

With the Android robot controller, WiFi interference has been minimized, but not eliminated. Outside WiFi networks and devices may interfere with Android communications on the competition field, so we would also ask that all mobile devices with WiFi capability have the WiFi set to off or airplane mode during the competition. One team computer can be added to APS Guest for software downloads and troubleshooting, however it **MUST** be taken off the network after diagnostic or repair use.

Inspection

Hardware inspection takes place with your robot at the inspection table in the pit area. Software inspection takes place on the competition field. Your team will not be allowed to compete in matches until your robot has passed inspection! ***Please make passing inspection your first priority!***

Team Setup/Pits

Teams will setup in the cafeteria or commons area. This will be determined once we know who is attending. We will provide one 6ft table and a couple of chairs in a 10 ft x 10 ft space. Power supply is limited in the commons. Teams are required to bring an extension cord (minimum 25 ft, 50 ft preferred) if you want power in your pit. **Please use only gaffer tape on floors – NO Duct Tape!**

Schedules

Practice matches are on a first come, first serve basis. Match schedules will be generated once all teams are checked in. Each team will get 5 or 6 qualifying matches with time built in for robot repairs and battery charging. We will have the practice field open Friday night during the pizza party. **There will be no team judging at this scrimmage.**

Food

Please just clean up after yourself! If we are in the commons, teams can eat in the lower commons and families can eat in the upper commons. If we are in the cafeteria only we will leave tables on the side to eat. There are also ample picnic tables outside if the weather permits.

There are a few local pizza places that will deliver to AHS.

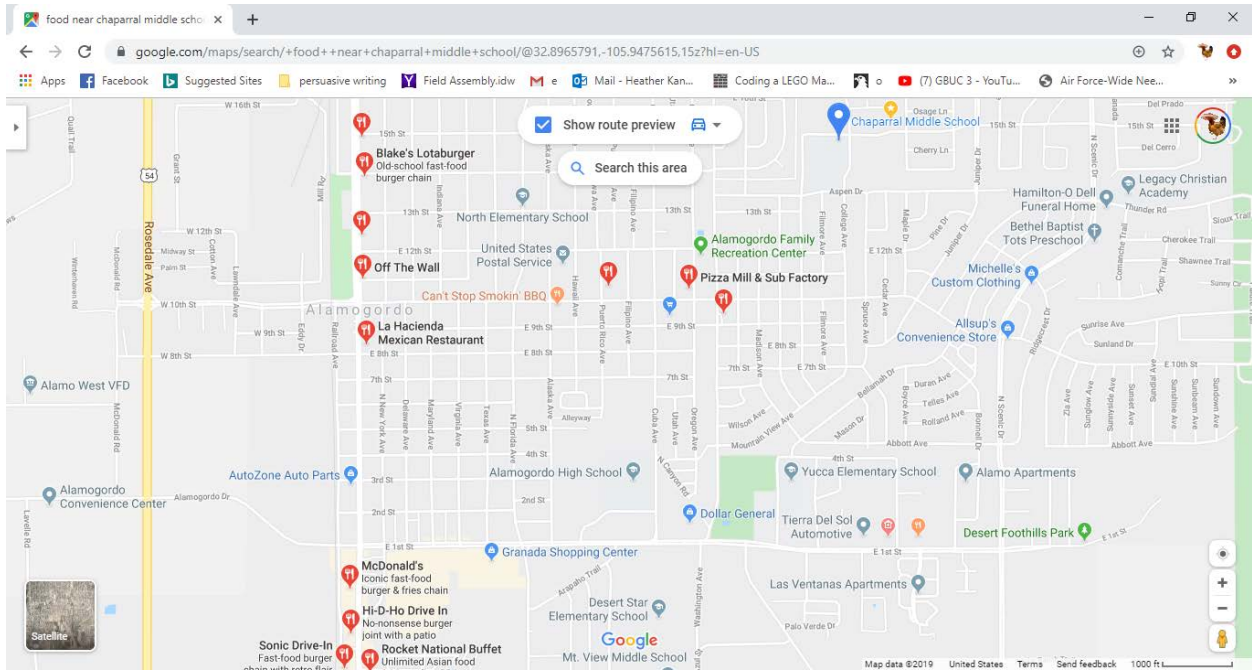
Dominos (575)434-3030

Pizza Mill (575)434-1313

Papa Johns (575)437-5678

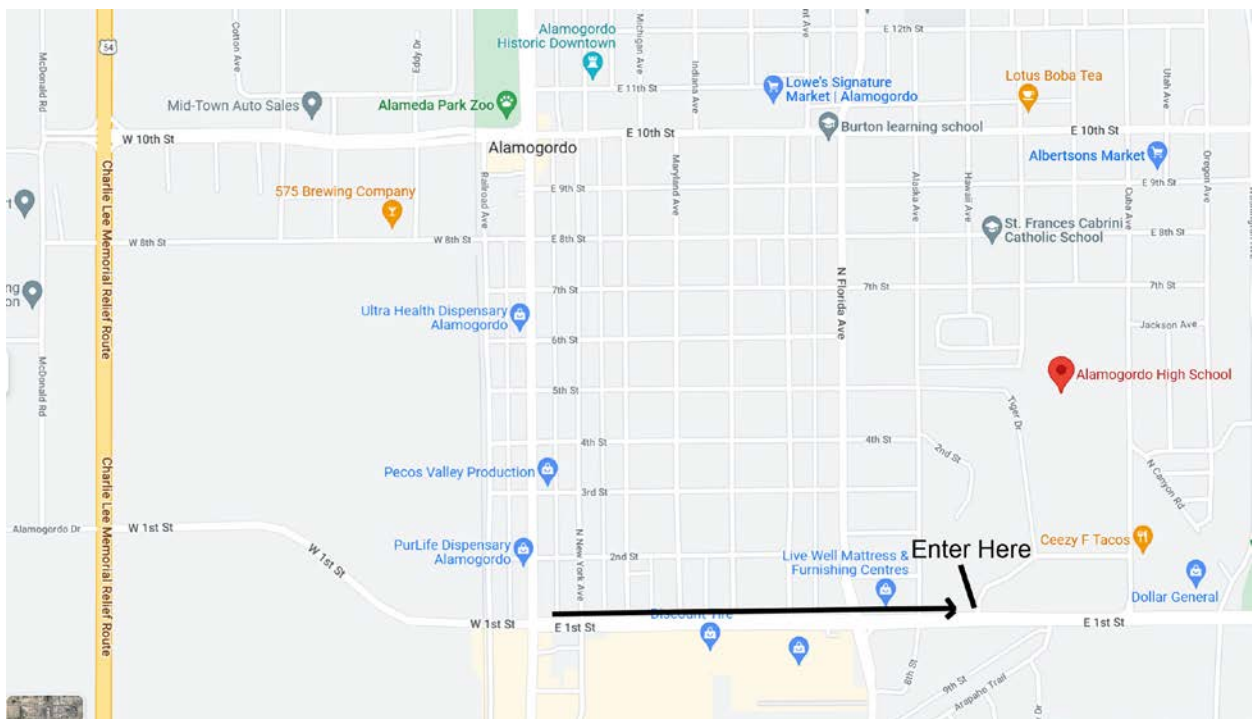
Just be sure to tell them to meet you outside of the cafeteria and a description of who they are looking for. It will make their trip much easier!

I've also included a map that shows the closest restaurants to the school. Brown bag deli make wonderful sandwiches! Pizza Mill had really great subs and the Garbage Barge Pizza is a local favorite.



Directions & Parking

To get to the Alamogordo High School from Highway 54 turn onto 1st street. You will turn left to enter the high school parking lot from 1st street. There is a big sign that says Tiger Drive! If you make it to Cuba Ave you've went too far.



Advancement to the New Mexico Championship

The New Mexico **FTC** Regional Championship will take place in Albuquerque, NM on Feb 7&8, 2025 at Menaul School.

All NM teams are invited to the NM *FTC* Regional Championship. Out of region teams are also invited to participate in the New Mexico *FTC* Regional Championship but by *FIRST* rules are not eligible to win the Inspire award or advance to the World Championships from that event. You will have until the Tuesday January 7, 2025 to accept your spot at the tournament. Please register for the championship by visiting <https://nmftc.org/calendar-of-events/> to secure your spot.

Things to remember:

- Don't forget your Gracious Professionalism!
- Bring your team roster and/or please have all student consent forms for all team members and mentors completed in the *FIRST* registration system. Hard copy forms can be accepted but are discouraged. **Students are not allowed to compete by *FIRST* without one or the other of these!**
- Please bring safety glasses for your team and all guests – they are required in all Pit and Competition areas.
- Closed toed shoes only in the pits and on the field.
- Scout! You never know if you might be selecting an alliance.
- Cheer! Bring up the energy of our event and have a blast!
- Make sure your robot batteries are fully charged before coming out to a match. This is the #1 reason why robots stop moving on the field and is entirely preventable!
- Please no WiFi devices except one team computer as needed!!
- Please leave our school cleaner than you found it and once the event ends please exit the school grounds. APS is gracious enough to have 5 security and 5 janitorial staff assisting with the event. As you know it's a long day and we really would like to respect their time.
- HAVE FUN!

GO TEAMS!

Heather Kangas, Alamogordo **FTC** Scrimmage Tournament Director

Jim Jackson, New Mexico **FTC** Program Delivery Partner

A.S.T.R.O. Vikings **FTC**