

HAZMATS ROBOTICS

MARCH 2025

WWW.LFHAZMATS.COM

PAGE 1

KETTERING WEEK 1

WE HAD A GREAT TIME AT THE KETTERING COMPETITION. SOFTWARE ISSUES WERE MINIMAL, THERE WERE NO MAJOR MECHANICAL ISSUES, AND TEAM SPIRIT WAS HIGH! WE FINISHED 12TH (OUT OF 40) AND WERE THE FIRST PICK ON THE 4TH ALLIANCE FOR PLAYOFFS.



OUR SCOUTING WAS BETTER THAN EVER LED BY OUR STRATEGY LEAD, MILES. DATA COLLECTED BY OUR TEAM ON THE STRENGTHS AND WEAKNESSES OF OUR COMPETITORS ALLOWED US TO HAVE A COMPREHENSIVE LIST DURING ALLIANCE SELECTION. OUR ALLIANCE WITH TEAM 9776 - THE GATOR GEARS AND TEAM 7195 - TWIN RIVER ROBOTICS MADE IT TO THE SEMI-FINALS!



THE HAZMATS EARNED THE 'INNOVATION IN CONTROL' AWARD, WHICH SHOWS HOW MUCH OUR SOFTWARE HAS IMPROVED IN JUST 2 YEARS! THIS ALSO PROVIDES FIVE DISTRICT POINTS, WHICH HELPS US ON OUR PATH TO QUALIFY FOR STATES! WE FINISHED AT KETTERING WITH 41 DISTRICT POINTS.

OUR SAFETY CAPTAIN, KYLEE, ALSO TOOK HOME A SAFETY ALL-STAR AWARD! THIS IS AN AWARD SELECTED BY HER PEERS AND IS A GREAT ACCOMPLISHMENT FOR THE HAZMATS!



UPCOMING EVENTS - COME CHEER US ON!

TROY DISTRICT EVENT - WEEK 4 - MAR 22- 23
(LOCATED AT TROY ATHENS HIGH SCHOOL)

FIM STATE CHAMPIONSHIPS - APR 3 - 5
(LOCATED AT SAGINAW VALLEY STATE UNIVERSITY)

FIRST WORLD CHAMPIONSHIPS - APR 16 - 19
(LOCATED IN HOUSTON, TEXAS)



HAZMATS ROBOTICS

MARCH 2025

WWW.LFHAZMATS.COM

PAGE 2

CURRENT ACTIVITIES

- THE TEAM HAS BEEN WORKING HARD TO IMPROVE OUR ROBOT, SEBASTIAN, TO BE EVEN MORE COMPETITIVE AT TROY.
- A NEW ALGAE CLAW WILL BE ADDED TO REMOVE THE ALGAE FROM THE REEF. THIS WILL ALLOW ANOTHER CORAL GAME PIECE TO BE SCORED.
- NEW AND MORE ROBUST CAMERA MOUNTS WILL PROTECT THE CAMERAS AND KEEP THEM FUNCTIONAL THROUGH ALL MATCHES.



- THE TEAM IS EXCITED TO DEBUT OUR BRAND NEW FLAG IN TROY. LET US KNOW HOW YOU LIKE IT!
- WE WILL ALSO FEATURE OUR 2025 BANNER WITH OUR SPONSORS.
- NEW THIS YEAR IS OUR BOT CART, WHICH SHOWCASES OUR TOP TWO SPONSOR LEVELS ON THE SIDES AND FRONT!
- WE ARE EXCITED TO SHOW YOU ALL THE NEW IMAGERY, SO COME CHEER OUR TEAM ON IN TROY!

- WE HAVE INCORPORATED ADDITIONAL PROTECTION ON SEBASTIAN TO PREVENT GAME PIECES FROM GETTING STUCK INSIDE THE ROBOT AND DAMAGING VITAL ELECTRONICS.
- SOFTWARE HAS BEEN WORKING ON INCREASING ROBOT EFFICIENCY IN AUTONOMOUS AND FIELD ALIGNMENT.
- WE HAVE BEEN WORKING ON A NEW CLIMB FUNCTION THAT WILL ALLOW US TO SCORE A RANKING POINT IN THE ENDGAME FOR OUR ALLIANCE. THIS HAD BEEN AN IMPORTANT PART OF OUR STRATEGY SINCE KICKOFF AND WILL BE READY FOR TROY!



HAZMATS ROBOTICS

MARCH 2025

WWW.LFHAZMATS.COM

PAGE 3

SENIOR SPOTLIGHTS

AEDYN HAS BEEN A DEDICATED MEMBER OF THE HAZMATS FOR THE PAST THREE YEARS. HE INITIALLY JOINED OUT OF CURIOSITY AND A DESIRE TO LEARN MORE ABOUT ROBOTICS, BUT HAS GROWN TO BE A CRITICAL MEMBER OF THE TEAM. HIS FAVORITE PART OF THE PROGRAM HAS BEEN BUILDING THE ROBOT, AND HE HAS GAINED VALUABLE HANDS-ON EXPERIENCE THROUGH THE PROCESS. HE PLANS TO PURSUE A CAREER AS AN HVAC TECHNICIAN IN THE FUTURE. AT COMPETITIONS, HE ESPECIALLY ENJOYS THE “PIT VIBES”—THE ENERGY AND CAMARADERIE SHARED AMONG TEAMS. HE HIGHLY RECOMMENDS ROBOTICS AS A GREAT WAY TO LEARN, COLLABORATE, AND HAVE FUN.

AEDYN**PEYTON**

THIS IS PEYTON'S FIRST YEAR ON THE TEAM, AND HE'S THOROUGHLY ENJOYING THE EXPERIENCE. HE INITIALLY JOINED AFTER A FRIEND INTRODUCED HIM TO THE TEAM. THE OPPORTUNITY TO BE PART OF A GROUP THAT HAD COMPETED AT A WORLD CHAMPIONSHIP WAS ESPECIALLY EXCITING. AS HE EXPECTED, IT HAS BEEN A REWARDING EXPERIENCE. HIS FAVORITE ASPECT OF THE TEAM HAS BEEN THE PEOPLE. THROUGH HIS WORK BUILDING THE ROBOT, HE HAS GAINED VALUABLE SKILLS. HE ENCOURAGES ANYONE LOOKING TO DEVELOP THEIR STRENGTHS TO CONSIDER JOINING ROBOTICS. PEYTON ALSO LOVES THE CHANCE TO IMMERSE HIMSELF IN THE ATMOSPHERE AT COMPETITIONS AND CONTRIBUTE TO THE TEAM'S SPIRIT.

HAZMATS ROBOTICS

MARCH 2025

WWW.LFHAZMATS.COM

PAGE 4

SENIOR SPOTLIGHTS

THIS YEAR IS DENIN'S SECOND YEAR ON THE TEAM, AND HE HAS HAD A GREAT TIME MAKING MEMORIES. DURING THE CRESCENDO SEASON, HIS FAVORITE MEMORY WAS GOING TO WORLDS, ESPECIALLY WHEN THE TEAM WALKED TO THE BUS AT THE END OF EACH DAY SINGING "I WANT IT THAT WAY" BY THE BACKSTREET BOYS. AFTER HIGH SCHOOL, HE PLANS TO ATTEND EITHER GVSU OR BGSU TO STUDY CRIMINAL LAW ENFORCEMENT. HIS ADVICE FOR FUTURE TEAM MEMBERS IS TO AVOID GETTING STUCK IN JUST ONE ROLE—BRANCH OUT AND TRY NEW THINGS. A FUN FACT ABOUT DENIN IS THAT HE CREATES COSPLAYS OF HIS FAVORITE CHARACTERS USING HIS 3D PRINTERS AT HOME.

DENIN



MILES



THIS IS MILES' THIRD YEAR ON THE HAZMATS, AND THIS YEAR HE HAS TAKEN ON THE NEW AND CRUCIAL ROLE OF STRATEGY LEAD. THIS IS A SIGNIFICANT TRANSITION FROM HIS POSITION AS CODING TEAM CAPTAIN LAST YEAR. AS STRATEGY LEAD, HE PLAYS A VITAL ROLE IN PRE-SCOUTING TEAMS AND DEVELOPING SCOUTING PLANS FOR EACH MATCH, MAKING HIM AN INTEGRAL PART OF THE TEAM'S STRUCTURE. HIS FAVORITE MEMORIES ARE THE CAR RIDES TO COMPETITIONS, WHERE HE GETS TO JOKE AROUND AND LAUGH EACH MORNING BEFORE SHIFTING INTO COMPETITION MODE. A FUN FACT ABOUT MILES IS THAT HE TECHNICALLY HAS OVER 100 HALF-SIBLINGS OUT THERE SOMEWHERE—HOW CRAZY IS THAT?!

HAZMATS ROBOTICS

MARCH 2025

WWW.LFHAZMATS.COM

PAGE 5

SPONSORS

THANK YOU TO ALL OF OUR SPONSORS!



BOSCH
Invented for life



Adjacent Technologies, LLC



**FUNDRAISER
INFORMATION
COMING
SOON!!**



LFHAZMATS.COM
HAZMATSOCIAL@GMAIL.COM
INSTAGRAM - @HAZMATSTEAM2145
YOUTUBE - LAKEFENTONHAZMATS

**IF YOU'D LIKE TO BECOME A SPONSOR,
EMAIL HAZMATSOCIAL@GMAIL.COM**