









Join us for an exciting hands-on robotics camp where aspiring engineers will explore the fundamentals of robot design, programming, and problem solving!

- **Design & Build** Work in teams to construct your very own Clawbot using VEX IQ robotic components.
- **Program with Precision** Learn the basics of block coding to control your robot's movements and functions.
- Master Robotics Challenges Use distance sensors to detect obstacles and experiment with claw, arm, and drive designs to optimize performance.
- **Team Competition** Put your skills to the test in a fun, interactive challenge where strategy and teamwork lead to victory!
- Industry Exploration Visit a local business to see robotics in action and discover real-world applications in various industries.

With a mix of hands-on building, coding, and problem-solving, this camp offers an unforgettable deep dive into the exciting world of robotics and witness robots in real-world settings!

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ROBOTICS CAMP: BUILD, CODE & COMPETE! WITH VEX IQ



July 14-16, 2025



9:30AM - 3:00PM



**Industrial Arts Institute** 20902 Washington St. Onaway, MI

Registration opens May 1, 2025 Register at: <u>bit.ly/3FGpVull</u>

Open to any student within COPESD entering Grades 7-9 in fall 2025!