

NEW COURSE IN TECHNOLOGY EDUCATION

INTRODUCTION TO ROBOTICS



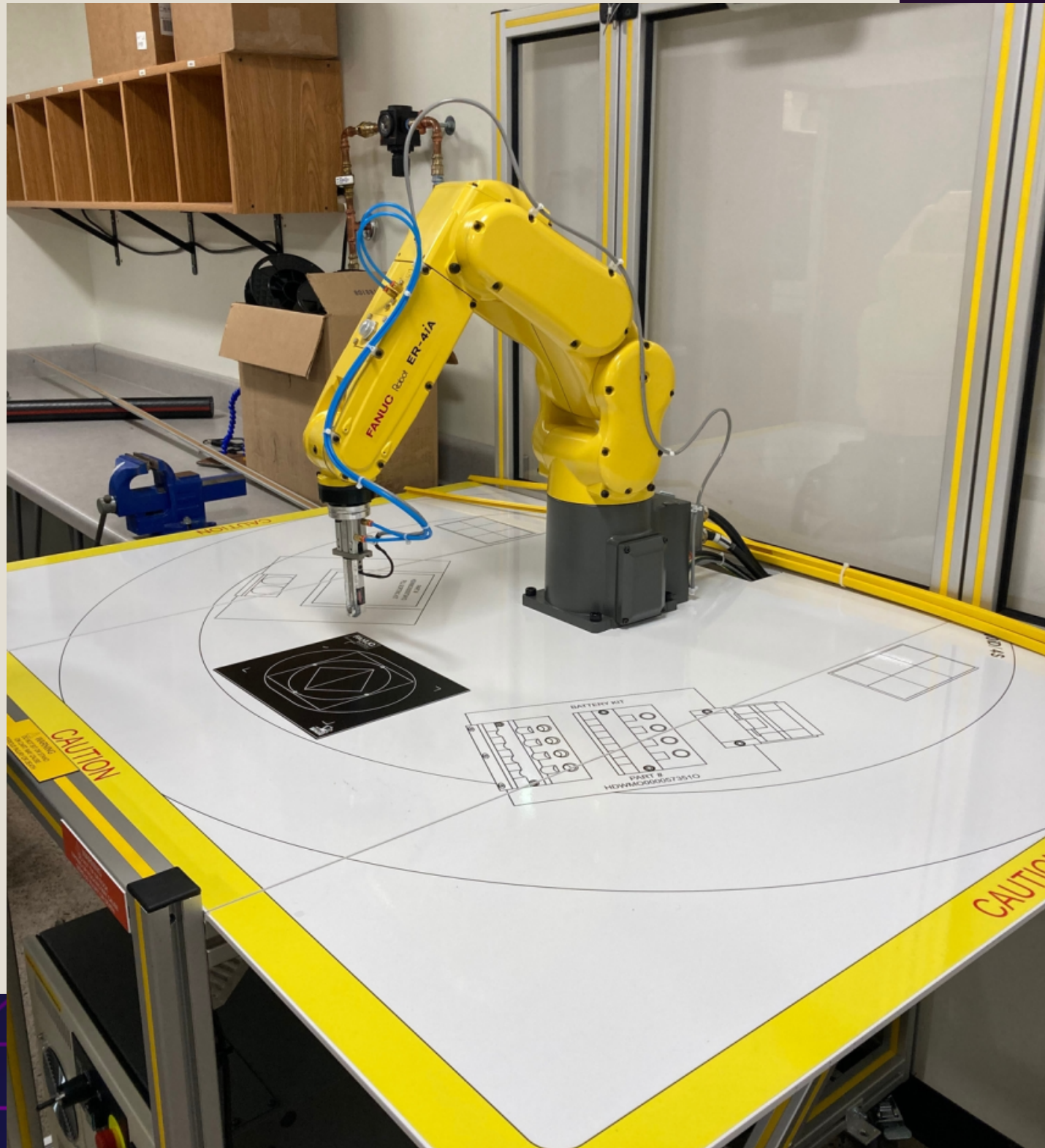
INTRODUCTION TO ROBOTICS

1 Semester Class (0.5 high school elective credits)
Dual Credit with NTC - 1.0 credit to Robotics
Application 1

Students will learn:

- Basic robotic functions and operations
- Robotic programming
- Robotic maintenance

Course mirrors industry training as provided by Fanuc Industrial Robotics. Students will be operating an educational version of an industry-standard robotics platform.



PATHWAYS & COURSE SEQUENCE

Engineering

- Fab Lab 1 (Digital Manufacturing)
- Fab Lab 2 (Automation & Robotics)
 - Introduction to Robotics
- PLTW-Principles of Engineering
- PLTW-Engineering Design and Development

Manufacturing

- Metals 1/Woods 1
- *Metals 2 (Machine Tool)*
- *Woods 2 (Furniture Manufacturing)*
- *Introduction to Welding*
- **Advanced Manufacturing**

Dual Credit (NTC)

HOW IT CAME ABOUT...

Schuette Metals donated \$30K in 2022 and \$38K in 2024 as matching funds towards two rounds of DWD Fast Forward Grants for Technology Education equipment. Those funds were used to purchase two Fanuc Robotic Arms for Wausau West and Wausau East.



TEACHER TRAINING



West's Theran Peterson attended Fanuc Training in Detroit, Michigan in 2023

East's Hunter Rochester & Ryan Schroder are planning to attend training in 2025

COMMUNITY



THANK YOU

