

Team E.L.I.T.E. 48 Safety Class & Introduction to *FIRST*




2022

WELCOME

- Sign Attendance Sheet
- TURN IN CHAPTER REVIEW QUESTIONS
- Log on to a computer and go to Team 48 website
- Let's do this!

A LITTLE MORE HISTORY

- Team started in 1998
 - Bob Faulkner, Linda Metzendorf & hubby (Delphi Packard Electric)
 - **E.L.I.T.E.** (**E**ncourage **L**earning **I**n **T**echnology and **E**ngineering)
 - Harding & Trumbull County J.V.S.
- 1999
 - Mentored Team 379 the RoboCats (Girard's Rookie Season)
 - National Champions
- 2004 Engineering Inspiration
- 2005 & 2006 – Buckeye Regional Chairman's
- 2007 – Buckeye Regional Champions (w/291 CIA & 379 RoboCats) 

Winner Winner
Chicken Dinner!!!



GI JOE
A REAL AMERICAN HERO™



NEOFRA
NORTHEAST OHIO FIRST ROBOTICS ALLIANCE

CLASS #2 OVERVIEW



- **Fire Safety**

- What to do when you discover a fire
- What to do to extinguish a fire
- Fire extinguisher classifications & locations

- **Shop Safety**

- Behavior (Running, Distractions)
- Tool use, handling, cleaning and storage
- Housekeeping (6S, Judge grading)
- Hygiene - wash hands (tools, solder, food)

CLASS #2 OVERVIEW

- **Hand & Power Tools**

- Guards
- Proper use, handling (pinch points) and cleaning
- Environment
- Power cords
- LOTO



- **Machinery**

- Guards
- LOTO
- Area and tool prep/care/Maintenance
- Distractions and horseplay***
- Proper lighting
- Ventilation
- ON/Off, E-Stop
 - What, Where, How Many?



CLASS #2 OVERVIEW

- **PPE**

- Safety glasses - acceptable vs. non-acceptable
 - ANSI ratings
 - **FIRST** safety manual PPE Section 4.1-4.3, 11.4
- Proper footwear - acceptable vs. non-acceptable (no Crocs)
- Gloves
 - When and when not to use them
 - ANSI ratings (xxx grams on .8 in. blade – 20 mm travel)
 - **FIRST** safety manual PPE Section 6.1, 7.1
- Hearing protection
 - Different types
 - How they work
 - NO earbuds, airbuds, headphones, etc.

- **Safe Lifting**

- Weight limits
- Proper procedure (single and partner)

ASSIGNMENT

- Read Safety Course Workbook
 - Chapter 2
- Complete Section 2:3 Review Questions (Recommended)
- Quiz – Next Class TBD

Fun Fact Trivia Challenge

- A) What year did a Team 48 student first wear the Safety Trooper mascot at a competition?
- B) What year did Team 48 start exclusively using the Safety Trooper mascot?

