Do not use this machine unless an instructor or shop supervisor has instructed you in the safe use and operation and has authorized you to operate this equipment!

**Equipment/Machine:** METAL WORKING LATHE

**Make/Model Number:** Using a metal working lathe.

**Description of Work:** Using a metal working lathe.

**Potential Hazards:** Exposed moving parts and electrical hazard with the potential to cause harm through entanglement, exposure to projectiles and sharp objects, and noise.

**Personal Protective Equipment (PPE) Required** *(Check the box for required PPE)*

- [ ] Gloves
- [ ] Face Masks
- [x] Eye Protection
- [x] Hearing Protection
- [ ] Safety Footwear
- [x] Protective Clothing
- [ ] Welding Mask

**Safe Work Procedure Checklist:**

1. **PRE-Operation:**
   - Task (e.g. Drawings, instructions, specifications etc) is clearly understood.
   - Identify ON/OFF switch and emergency stop button (if applicable).
   - Make sure all guards are in place.
   - Check that the work piece is clamped tight in the chuck.
   - Remove all tools from the bed, top and slides of the machine.
   - Make sure correct speed for machining process is selected.
   - Remove the chuck key before starting the lathe (if applicable).

2. **Operation:**
   - Never leave the lathe running unattended.
   - Before making adjustments or measurements switch off and bring the machine to a complete standstill.
   - Do not attempt to slow/stop the chuck or revolving work by hand.
   - Avoid letting fine metal shavings (swarf) build up on the tool or job. Stop the machine and remove it.

3. **POST-Operation:**
   - Switch off lathe before removing waste material from the machine.