*Norwich Technical High School - Electronics Technology Date Updated: 2/28/202**4*

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*Norwich, CT 06360*

**TITLE: Electronics Shop Laser Engraving Standard Operating Procedure (SOP)**

**APPROVALS:**

**Author: Connor Robison Date: 2/28/2024**

**Review: Date:**

1. **Revision History (Create Columns as Needed):**

|  |  |  |  |
| --- | --- | --- | --- |
| **NAME** | **REV** | **DATE** | **SUMMARY OF CHANGES** |
| **Connor Robison** | **A** | **12/28/2024** | **Initial Release** |

**Purpose:**

* To introduce the laser engraver CNC machine to students who are not knowledgeable on it.
* Demonstrate to and inform reader of correct and safe operating procedure while using the laser engraver.
* Provide a reference to an operator of a machine to clear confusion

**Safety:**

* Red tinted safety glass

1. **Materials:**

* Water
* Object to engrave into
* Material power parameters chart
* File of what will be engraved
* Inkscape software

**Procedure:**

|  |  |  |
| --- | --- | --- |
| **Step** | **Procedure** | **Picture** |
|  | **Go onto google images and find a picture or shape that you want to engrave. (Make sure it’s a simple imagine with sharp lines)** |  |
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