Weld Shop Welcome Letter

Welcome to the Weld Shop! I am Mr. Hughes, BCAVTS Welding Instructor. With over 10 years in the industry, including welding, general fabrication, and welding sales, I am excited to begin my fifth year in this program alongside our wonderful team here at BCAVTS. We are committed to making this program the best it can be for everyone involved. The program has come a long way in recent years. We have a fantastic reputation that we plan to keep. Not only in the local areas, but across the state, from school to school. Standards are set high, and rules are to be followed. My class will be enjoyable and rewarding, while still meeting expectations daily.

The name of this program is Welding. Welding is a metals joining process that uses electric arc machines and filler metals.

Career opportunities include: fitter/welder, millwrights; union jobs are steelworkers, ironworkers, sheet metal workers, pipefitters, carpenter, and steamfitters. Welding can open many more opportunities as well, including sales, education, and possibly even other trades.

Parents/Students Responsibilities:

- Steel toe boots 8 inch high, all leather (no hiking boots or any boots other than leather)
- Regular fit jeans in good condition, no frays or holes are acceptable
- Hair must be pulled back if long
- No loose jewelry such as rings, earrings, & or necklaces
- Long sleeve, cotton T-shirt. **NO** synthetic material (Gym clothing, etc.)
- Welding hood
- Safety glasses * (Required by Pennsylvania Law, ACT No. 116 of 1965)
- Welding jacket *
- Heavy duty welding gloves *

* Indicates that these items are provided **one time** by the school; after that, replacements fall on student/parent.

All responsibilities are for the safety of the students! If at any time, any other specifications are requested as they are subject to change, parents will be notified.

Students Will Study the Following Three-Year Program

- Write clear, concise, legible, and accurate technical reports
- Communicate in the language of the Welding/Fabrication industry standards.
- Perform basic manipulative skills of the trade.
- Interpret plans, drawings and code specifications, analyze specifications, contracts and contract drawings.
- Make accurate labor and material estimations.
- Describe business functions and principles, the complexity of the welding industry, and the complex interrelationships among the numerous trade and professions within the industry.

We will stay current with any new technology or welding codes related to the welding industry!

Welding Class Rules and Shop Dress Code

Students in the Weld Shop are **REQUIRED** to wear:

1. Safety Glasses (required at all times)
2. Regular fit blue jeans, no holes or frays. (no baggie pants or sweatpants, nylon clothing or shorts)
3. Leather work boots 8 inch all leather, no nylon-must be tied
4. Long hair must be pulled back
5. No jewelry/earrings while in the shop
6. No ball caps, hats or hoodies
7. Clear lens safety glasses (must be worn at all times)
8. No cell phones or electronic devices allowed in shop (safety concerns)

Proper PPE (Personal Protective Equipment)

1. Safety glasses (required at all times)
2. Welding helmet
3. Welders cap
4. Green, blue or leather welding jacket
5. 8 inch high leather (no nylon) boots, must be tied at all times
6. Work gloves
7. Heavy duty welding gloves for Labor, Stick, Mig, Tig welding
8. Long sleeve, cotton T-shirt

Weld Shop Rules

1. **Safety First!**
2. **Safety glasses (required at all times)**
3. **Bullying of any sort will not be tolerated.**
4. **Students are to remain silent when any instructor is speaking.**
5. **Be on time, dressed and ready to work.**
6. **Always OBEY all safety rules and procedures.**
7. **Treat equipment with respect.**
8. **Work with a positive attitude about completing your assignments.**
9. **Live up to your obligations and do your duties as given.**
10. **Proper housekeeping is a must.**
11. **Students are not dismissed until the area is cleaned and checked by the instructor.**

We look forward to working with your child. Welding is an exciting field, and I try my best to get the most out of every student. I always like to leave an open line of communication between myself and the student, along with the parents. I am willing to work with any student on missing assignments or missed time. I understand that things in life happen, so communication is key!

Mr. Jacob Hughes

Welding Instructor

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