



## **LAWRENCE COUNTY CAREER AND TECHNICAL CENTER**

750 Phelps Way, New Castle, PA 16101-5099 724-658-3583 Fax 724-658-4753 [www.lcctceagles.com](http://www.lcctceagles.com)

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2023-2024 School Year

Dear Students and Families,

Welcome to LCCTC's Welding program! Students entering the Lawrence County Career and Technical Center's Welding Program will learn safety, first and foremost. The instructional program will prepare students with knowledge and skills in Shielded Metal Arc Welding, Gas Tungsten Arc Welding, Flux Core Arc Welding, as well as Gas Metal Arc Welding, on plates and pipes in all positions. They will also learn torch cutting, plasma cutting, and carbon arc cutting. Students will learn the types and uses of electrodes and welding rods, properties of metals, blueprint reading, and electrical principles. Students will have the use of all equipment for testing welds, as well as all manuals and specification charts, and use of portable grinders and chemical baths for surface cleaning. The goal is for students to be job ready, as entry-level welders when finished. Career opportunities include Fitter/Welder, Millwrights; union jobs are Steelworkers, Ironworkers, Sheet Metal Workers, Pipefitters, and Steamfitters.

### **Parents/Students' responsibility:**

- A. Steel toe boots (No Hiking Boots or any other than leather) \$40 to \$80
- B. Safety Glasses (no colored lenses) \$8 to \$20
- C. Regular fit jeans in good condition, no frays or holes are acceptable.
- D. Hair must be pulled back if too long.
- E. No loose clothing or jewelry such as earrings or necklaces.
- F. Welding Helmet \$40 to \$80
- G. Welding Jacket \$35
- H. Welding Gloves \$15 to \$35
- I. Welding Cap \$15
- J. LCCTC work t-shirt \$5 each (black or gray) can be purchased through Mrs. Mangino or Mrs. Graziani in the front office.

These items are a must for your child's safety. **If they don't have these items they will not be able to participate in the shop area and they will not receive credit for the day.**

We will respect your child at all costs. Many times, students fail to do homework or attend class, yet they may have a legitimate reason that they keep to themselves. We will never judge a student or make an assumption before knowing the facts. This is why I encourage you and your child to keep an open channel of communication with me. I am more than happy to keep you updated on your child's performance in my classroom. This way you will be able to assist in the monitoring of your child's shop grades and productivity.

Thank You,

Mr. Barton

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