

**Southern West Virginia Community and Technical College
Welding Program Outcomes**

1. Apply and follow current safety standards for the welding Industry to ensure a safe workplace.
2. Demonstrate how to set up and use welding equipment properly.
3. Apply various welding techniques for cutting ferrous and non-ferrous materials.
4. Apply mathematical reasoning to solve problems in the welding discipline.
5. Interpret blueprints and welding symbols to design solutions and create components.
6. Use proper welding terminology to communicate effectively with co-workers, engineers, and vendors.