

HVAC WELDING

Pierce County Careers Connection Dual Credit Articulation Agreement

Upon completion of a full year of high school or equivalent to the following competencies:

- Demonstrate Knowledge of Welding Principles/Procedures and Safety
- Set Up Oxyacetylene, Shielded Metal Arc Welding and GMAW (MIG) Welding Equipment
 - Set-ups must be within parameters of welding shop procedures
 - Use appropriate safety practices/principles
- Burn (Cut) Material Using Hand Held Torch
 - Demonstrate appropriate use of the following Striker
 - Metal cutting equipment
 - Protective clothing/equipment
 - Welders standard tool kit
 - Work order and work piece
- Make Welds Using SMAW Process
 - Demonstrate appropriate use of the following:
 - Chipping hammer
 - Electrodes
 - Grinder
 - SMAW equipment
 - Fast freeze rods
 - Fast fill rods
 - Portable screens
 - Protective clothing/equipment
 - Weld gauge
 - Wire brush
 - Work orders and work pieces
 - Apply welding shop procedures/guidelines
 - Apply safety practices/principles
- Weld Steel or Aluminum Using GMAW (MIG) Process
 - Demonstrate appropriate use of the following:
 - filler metal
 - Grinder
 - MIG equipment
 - Protective clothing
 - Weld gauge
 - Wire brush
 - Work orders and work pieces
 - Apply welding shop procedures/guidelines
 - Apply safety practices/principles

A student earning a "B" grade or better may earn college credit at the following college:

College	Course	Credits
Bates Technical College	WBAS 101 (CIP Code: 48.0508)	8

Upon entering the college program, the student may be asked to demonstrate competency in order to retain credit. _____