

HVAC DUCTING

Pierce County Careers Connection
Dual Credit Articulation Agreement

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

- Use Metalworking Hand Tools and Machines
 - Hand tools include:
 - Standard bench
 - Measuring, marking, cutting, piercing and joining tools
 - Machines may include
 - Cutting and bending machines
 - Metal forming machines (brakes)
 - Power lock and flange machines
 - Select proper tool or machine for the job
 - Use proper tool or machine in accordance with textual directives for utilization
 - Apply all appropriate OSHA, WISHA and standard shop safety practices
 - Perform Basic Layout and Patterning
 - Use butcher or drafting paper
 - Lay out and pattern common HVAC elbows, branches, and joints
 - Follow required dimensions as specified
 - Fabricate Common Ducts, Pipes, and Fittings
 - Include elbows, branches, joints, offsets, transitions, and changes.
 - Completed duct work must be serviceable
 - Dimensions must be such that duct work fits into duct run
- Apply Basic Air Balance and Duct Sizing Fundamentals
- Demonstrate proper use of ductulator

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

<u>College</u>	<u>Course</u>	<u>Credits</u>
Bates Technical College	HVAC 201	4
	HVAC 206	2
	HVAC 207	2
	HVAC 208	2
	HVAC 209	2

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