

**SHEET METAL:**  
**Hand Tools and Equipment**  
**Pierce County Careers Connection**  
**Dual Credit Articulation Agreement**

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**Upon completion of high school courses equivalent to the following competencies:**

- Identify and demonstrate proper use of the following bench tools:
  - Various Screwdrivers
  - Setting Hammer
  - Riveting Hammer
  - Mallet
  - Bench-Vise
  - Adjustable Wrench
  - Various Vise Grips
  - C-Grips
  - Pliers
  - Various Files
- Identify and demonstrate proper use of the following measuring tools:
  - Framing square
  - Circumference rule
  - Tape measure
- Identify and demonstrate proper use of the following marking tools:
  - Scratch awe
  - Prick punch
  - Scribing tool
- Identify and demonstrate proper use of the following metal cutting tools:
  - Hand Snips
  - Squaring Shears
- Identify and demonstrate proper use of various piercing tools.
  - Riveting Gun
  - Pittsburgh Machine
- Inspect hand and bench tools and identify any defects before use.
- Properly clean and care for hand and bench tools.
- Describe types of injuries and damage to materials when hand and bench tools are not used properly.

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**A student earning a “C” grade or better may earn college credit at the following college:**

<u>College</u>	<u>Course</u>	<u>Credits</u>
Bates Technical College	SHME 106	4