

FUNDAMENTALS SKILLS FOR MANUFACTURING AND ENGINEERING WORKSHOP SAFETY ARTICULATION

Pierce County Careers Connection
Dual Credit Articulation Agreement

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

	Discuss applicable safety laws and regulations including Occupational Safety Health Administration (OSHA) safety standards.
	Identify the Personal Protective Equipment (PPE) appropriate for typical manufacturing tasks.
	Explain OSHA safety rules concerning PPE for eye protection.
	Identify hazardous energy sources in a typical workshop environment.
	Demonstrate lockout/tagout procedures.
	Explain when a machine or process should be stopped to investigate or correct a hazard.
	Interpret information resources such as MSDS (Material Safety Data Sheets).
	Demonstrate how to safely identify, handle, store, monitor and measure hazardous materials.
	Describe the safety Procedures required in an electrical lab environment.
	Demonstrate electrostatic discharge (ESD) safety procedures.
	Identify potential causes of fire in the work environment.
	Describe the appropriate course of action for dealing with different types of fires.

	Demonstrate the correct use of fire-fighting equipment.
	Describe means of escape and evacuation.
	Explain how to size up a load, and identify hazards before carrying a load.
	Describe precautions for carrying things on stairways.
	Demonstrate the steps necessary to lift and put down a load safely.
	Describe incident reporting procedures in a typical workshop environment.

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>
Clover Park Technical College	FSME 101	3