CARPENTRY
ARTICULATION
Pierce County Careers Connection
Dual Credit Articulation Agreement

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

☐	**Carpentry Math**
	- **Calculate feet, inches, tenths, and hundredths of a foot, and metric measurements**
	- **Apply math to estimate materials for projects**
	- **Solve for area (square footage)**
	- **Solve for volume (cube footage)**
	Shop Safety
	- **Follow shop safety procedures**
	- **Apply OSHA and WISHA standards while building projects**
	- **List and define hand and power tool safety guidelines**
	- **Follow OSHA and WISHA procedures when using ladders and scaffolding**
	Draw, Read and Interpret Drawings and Specifications
	- **Explain the various lines used in blue prints**
	- **Use an architect's ruler to draw an object to a specified scale**
	- **Explain various symbols and abbreviations on building plans**
	Identify, Select and Supervise Application of Construction Materials
	- **Define and describe hardwood and softwood**
	- **Define and describe nominal size and dress sized lumber**
	- **Identify the types and sizes of nails, screws and fasteners commonly used in the construction industry**
	- **Identify and describe the benefits of engineered lumber**
	- **Identify and describe the uses of different types of measuring tools**
	- **Correctly tie off a dry line**
	- **Check squares and levels for accuracy**
	- **Plumb a post in both directions using a plumb bob**

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

College	Course	Credits
Bates Technical College	CARPT 101	3
	CARPT 102	3
	CARPT 103	4
	CARPT 104	2

Created: 7/2018