

**INTRODUCTION TO SOILS
 ARTICULATION**
 Pierce County Careers Connection
 Dual Credit Articulation Agreement

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

<input type="checkbox"/>	Describe the various mineral and organic components of soils, including how changes in various quantities affect soils physical/chemical properties and may lead to environmental degradation.
	Differentiate soil properties based on parent materials.
	Determine conditions that affect water retention and movement in soils, especially as it relates to plant water availability.
C	Describe the importance of soil chemistry, including pH and CEC, especially how they relate to nutrient availability and, when feasible, adjustments, such as liming, that can improve conditions for plant growth.
	Determine conditions that lead to high quality soil, including water retention, nutrient availability, heat transfer and erosion control.
	Evaluate how life affects soil development and quality.
	Explain how soil data is utilized in land-use planning.
	Perform entry level soil laboratory analysis to industry standards.

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>
Clover Park Technical College	ENV 260 (CIP Code: 15.0507)	5