

# PAINTING AND REFINISHING

## Pierce County Careers Connection Dual Credit Articulation Agreement

---

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

- Apply Polyurethane Paint  
Given a vehicle and vehicle panels that require painting, polyurethane paint and polyurethane system:
  - Make any necessary repairs.
  - Paint the vehicle or panels using a polyurethane system.
  - Paint in a well ventilated area, using one of the following:
    - ~ Spray room
    - ~ Prep deck
    - ~ Spray booth using a HVLP spray gun wearing personal safety equipment (eye protection, proper respirator, paint suit, and gloves)
  - Prepare vehicle for delivery.

*System must be used with 100% accuracy, and the finished product must be color and gloss matched with no orange peel, runs, or sand scratches.*
- Apply Urethane Colorcoat/Clearcoat  
Given a vehicle or panels that require basecoat/clearcoat system:
  - Apply material in a well ventilated area, using one of the following:
    - ~ Spray room
    - ~ Prep deck
    - ~ Spray booth using a HVLP spray gun wearing personal safety equipment (eye protection, proper respirator, paint suit, and gloves)

*System must be used with 100% accuracy, and the finished product must be gloss matched with no orange peel or runs.*
- Apply Flexible Finish Paint.  
Given panels/sections that require finishing, a flexible finish system and paint:
  - Apply flexible finish paint to the panels/sections using a flexible finish system in a well ventilated area
    - ~ Spray room
    - ~ Prep deck
    - ~ Spray booth using a HVLP spray gun wearing personal safety equipment (eye protection, proper respirator, paint suit, and gloves)

*System must be used with 100% accuracy, and the finished products must be gloss matched with no orange peel or runs.*
- Heat Dry Painted Surface.  
Given a painted panel requiring heat drying;
  - Heat dry the panel in a heat booth or using heat lamps.

*Finished work must have a glossy appearance.*
- Buff Freshly Painted Surfaces.  
Given a vehicle panel refinished with basecoat/clearcoat:
  - Clean the panel to match gloss or adjacent panels
  - Color the panel to match gloss or adjacent panels
  - Sand the panel to match gloss or adjacent panels
  - Compound the panel to match gloss or adjacent panels

Demonstrate appropriate use of the following:
  - Buffer (electric or air) wearing personal safety equipment (eye protection, and respirator.)
- Prepare Newly Painted Vehicle for Delivery.  
Given a refinished vehicle, the student must using detailing materials, vacuum cleaner or shop vac so that it is ready for delivery to the customer.
  - Properly detail the vehicle, using one of the following:
    - ~ Detailing materials
    - ~ Vacuum cleaner
    - ~ Shop vac

*Vehicle will be clean, with no evidence of shop residuals; appearing "showroom fresh" and ready for delivery to the customer.*

---

### 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	AUTOB 201	5
	AUTOB 202	5
	(CIP Code: 47.0603)	