

REMOVING AND INSTALLING GLASS

Pierce County Careers Connection Dual Credit Articulation Agreement

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

- Adjust or Align Windows in Doors
 - Adjust or align manual or power windows.
 - Replace rivets
 - Replace nuts
 - Replace bolts
 - Replace washers
 - Replace screw fasteners
 - Demonstrate appropriate use of the following tools:
 - Lubricants
 - Various hand tools (wrenches, screw driver bit sockets and sockets and ratchets in both standard and metric sizes)
 - C-Clamps or Locking Pliers

Alignment must prevent wind noise, water leaks, and rattles.
- Remove Damaged Glass and Install Replacement
 - Remove broken glass with vacuum and adjust, realign and install replacement glass.
 - Demonstrate appropriate use of the following tools:
 - Lubricants
 - Various hand tools (wrenches, screw driver, bit sockets, and sockets and ratchets in both standard and metric sizes)
 - C-Clamps or Locking Pliers
 - Epoxy or urethane adhesives for installation of glass in channel sash

Replacement glass must equal the original in function and appearance.
- Seal Leaks Around Windshield and Rear Window
 - Properly use urethane sealer or approved factory approved sealers to repair located leaks as required.

Finished work will not leak under water pressure.
- Remove and Replace Damaged Windshield and Back Glass
 - Remove damaged glass and install replacement.
 - Demonstrate appropriate use of the following tools:
 - Reveal and garnish molding removers
 - Lock strip tools
 - Piano wire
 - Cold knife for cutting adhesives
 - Pneumatic powered cutter for cutting adhesives
 - Butyl tapes
 - Urethane primers and sealers for glass installation and sealing
 - Suction cups for installation
 - Small rope cord for gasket type installations of glass

Replacement glass must equal the original in function and appearance.

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

<u>College</u>	<u>Course</u>	<u>Credits</u>
Bates Technical College	AUTOB 206	4
Clover Park Technical College	ACT 120 A (CIP Code: 47.0603)	2