

DATES	DESCRIPTION	DAILY OBJECTIVES
8/19-8/23	TECH CENTER INTRODUCTION	WELCOME(WHY ARE YOU HERE/WHAT DO YOU WANT TO LEARN) RAPPORT BUILDING ,CARD GAME(NAME/FROM/FUN FACT), BUILDING TOUR, RULES/POLICIES
8/26-8/30	Students will be able to identify and demonstrate safe work practices. Safety map	Identify general shop safety rules and procedures. Utilize safe procedures for handling of tools and equipment. Identify and use proper placement of floor jacks and jack stands. CRP2 Identify and use proper procedures for safe lift operation. Utilize proper ventilation procedures for working within the lab/shop area. 1.1.6 Identify marked safety areas. Identify the location and the types of fire extinguishers and other fire safety equipment; demonstrate knowledge of the procedures for using fire extinguishers and other fire safety equipment.
9/2 9/3-9/6	Students will be able to identify and demonstrate safe work practices. Safety map	Labor day Identify marked safety areas. Identify the location and the types of fire extinguishers and other fire safety equipment; demonstrate knowledge of the procedures for using fire extinguishers and other fire safety equipment.
9/9-9/13	Students will be able to practice personal safety. Safety map	Identify the location and use of eye wash stations. Identify the location of the posted evacuation routes. Comply with the required use of safety glasses, ear protection, gloves, and shoes during lab/shop activities. Identify and wear appropriate clothing for lab/shop activities.
9/16-9/20	Students will be able to practice personal safety.	Secure hair and jewelry for lab/shop activities. Demonstrate awareness of the safety aspects of supplemental restraint systems (SRS), electronic brake control systems, and hybrid vehicle high voltage circuits. Demonstrate awareness of the safety aspects of high voltage circuits (such as high intensity discharge (HID) lamps, ignition systems, injection systems, etc.). Locate and demonstrate knowledge of safety data sheets (SDS).
9/23-9/27	The student will demonstrate an understanding of safety concerning body components.	Select and use proper personal safety equipment; take necessary precautions with hazardous operations and materials in accordance with federal, state, and local regulations. Locate procedures and precautions that may apply to the vehicle being repaired. Identify vehicle system hazard types (supplemental restraint system (SRS), hybrid/electric/alternative fuel vehicles), locations and recommended procedures before inspecting or replacing components.

9/30-10/4	Student will demonstrate knowledge of shop tools and equipment.	Identify tools and their usage in automotive applications. Identify standard and metric designation. CRP12 Demonstrate safe handling and use of appropriate tools. Demonstrate proper cleaning, storage, and maintenance of tools and equipment. Demonstrate proper use of precision measuring tools (i.e. micrometer, dial-indicator, dial-caliper).
10/7-10/11	Students will describe/identify various Vehicle Construction and Parts Identification	1. Identify type of vehicle construction (unibody, body-over-frame). 2. Recognize the different collision damage between unibody and body-over-frame vehicles. 3. Identify impact energy absorbing components. 4. Identify different types and strengths of substrates (steel types, aluminum, magnesium, plastic, composites, etc.); determine repairability. 5. Identify vehicle glass components and repair/replacement procedures. 6. Identify add-on accessories. 7. Recognize different vehicle joining/attaching methods (e.g., welding, adhesives, rivets, etc.)
10/14-10/18	Students will practice Refinishing Safety Precautions	1. Select and use proper personal safety equipment for surface preparation, spray gun and related equipment operation, paint mixing, matching and application, paint defects, and detailing 2. Identify safety and personal health hazards according to OSHA guidelines and the "Right to Know Law". 3. Inspect spray environment and equipment to ensure compliance with federal, state and local regulations, and for safety and cleanliness hazards. 4. Select and use a NIOSH approved supplied air (Fresh Air Make-up) respirator system. Perform proper maintenance in accordance with OSHA Regulation 1910.134
10/21-10/24 10/25	Students will become familiar with Spray gun and related equipment operation	1. Inspect, clean, and determine condition of spray guns and related equipment (air hoses, regulators, air lines, air source, spray environment, and fillers). 2. Select spray gun setup (fluid needle, nozzle, and cap) for product being applied. 3. Test and adjust spray gun using fluid, air and pattern control valves. 4. Demonstrate an understanding of the operation of pressure spray equipment. PD day no students
10/28-11/1	Students will learn Pre-repair Surface Preparation	1. Soap and water wash the entire vehicle; use appropriate cleaner to remove contaminants. 2. Inspect, remove, store, protect, and replace exterior trim and components necessary for proper surface preparation. 3. Inspect and identify type of finish, surface condition, and film thickness; develop and document a plan for refinishing using a total product system. 4. Remove paint finish as needed. 5. Properly sand areas to be refinished.

11/4-11/8	Students will do Surface Preparation repairs and masking for priming	6. Identify and select appropriate sandpaper to feather-edge areas to be refinished. 9. Demonstrate different masking techniques (recess/backmasking, foam door type, etc.). 8. Mask and protect other areas that will not be refinished. 7. Apply suitable metal treatment or primer in accordance with total product systems. 11. Identify a complimentary color or shade of undercoat to improve coverage.
11/11-11/15	Surface Preparation- Mixing applying 2K primer, finishing putty, and guide coat for sanding	10. Mix primer, primer-surfacer and primer-sealer following paint manufacturers technical data sheet instructions. 12. Apply primer onto surface of repaired area; demonstrating control of primer application by keeping the areas as small as possible. 13. Apply two-component finishing filler to minor surface imperfections. 14. Guide coat and block sand area with correct grade/grit sandpaper to which primer-surfacer has been applied. 15. Dry sand area to which two-component finishing filler has been applied.
11/18-11/22	Surface Preparation- Final preparation for painting of primed areas	16. Remove dust from the area to be refinished, including cracks or moldings of adjacent areas. 17. Clean area to be refinished using a recommended final cleaning solution. 18. Remove, with a tack rag, any dust or lint particles from the area to be refinished. 22. Restore caulking and seam sealers/Rock guard to repaired areas and replacement panels as required. 19. Apply suitable primer sealer to the area being refinished. 20. Scuff sand to remove nibs or imperfections from a sealer.
11/25-11/29	Thanksgiving Break	
12/2-12/6	Surface Preparation- Identifying substrates and determining materials replacement as needed	24. Identify the types of rigid, semi-rigid or flexible plastic parts to be refinished; determine the materials needed, preparation, and refinishing procedures. 25. Identify metal parts to be refinished; determine the materials needed, preparation, and refinishing procedures. 26. Identify chip resistant coatings and texture match. 27. Identify caulking and seam sealers that may need replacement. 28. Identify refinishing guidelines for stationary glass flange areas to be refinished.
12/9-12/13	Students will learn how to set up and use Spray gun and related equipment	1. Inspect, clean, and determine condition of spray guns and related equipment (air hoses, regulators, air lines, air source, spray environment, and fillers). 2. Select spray gun setup (fluid needle, nozzle, and cap) for product being applied. 3. Test and adjust spray gun using fluid, air and pattern control valves. 4. Demonstrate an understanding of the operation of pressure spray equipment.

12/16-12/20	Paint, Mixing, Matching, and Applying	1. Identify color code by manufacturer's vehicle information label. 2. Shake, stir, reduce, catalyze/activate, and strain refinish materials. 3. Apply finish using appropriate spray techniques (gun arc, angle, distance, travel speed, and spray pattern overlap) for the finish being applied. 4. Apply selected product on test or let-down panel; check for color match, properly store and maintain a color catalog.
12/23-1/3	Christmas Break	