Test Project

Car Painting

Submitted by:

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# Module A



2H

## Blend pre-painted bumper (light metallic)

### Instructions:

* Repair damaged 3-4 centimeter scratch
  + Color – 2 Stage
* Participant will be supplied with premixed formula
* You must use “Job Card” in computer program for additives in base and primer and clear
* Repair damage, apply primer and prepare for paint **Have Expert evaluate before painting.**
* Blend base and clear do not clear entire part
* Part must be painted and dried in a vertical position as if it was on the car
* **Save all dry waste in dry waste material box and all liquid waste in liquid material box**



2H

# Module B

## Masking of vehicle and painting of a plastic car part

### Instructions for Masking:

* Mask the given area of the vehicle
* Experts must score before masking material is removed
* Save all dry waste in dry waste material container

Instructions for painting part:

* Prepare and paint new non-steel car part
* Select the color from the 5 variants and select the appropriate variant
* Give your selection the BASF representative and retrieve your s-stage color
  + Participant will be supplied with premixed paint formula
* Prepare part for paint – Have Expert evaluate before painting
* You must use “Job Card” in computer program for additives in primer filler, base and clear.
* Apply base/clear on the paint stand
* **Save all dry waste in dry waste material container and all liquid waste in liquid material container**

# Module C



4h

## Standard application inside

### Outside door

Instructions:

* Repair damaged area on exterior of door
* Apply polyester filler – **Have Expert evaluate**
* Prepare for primer – **Have Expert evaluate**
* Apply UV primer. **Before sanding have Expert evaluate**
* Prepare for application of color to the entire door
* **Save all dry waste in dry waste material container and all liquid waste in liquid material container**

Color – 2 Stage

* The door must be painted and dried in a vertical position.
* You must mix color from formula and use “Job Card” in computer program for all mixing
* Apply base inside and outside of the door
* Application of clear
* Clear coat - **matt finish**
* **Save all dry waste in dry waste material container and all liquid waste in liquid material container**

# Module D



2H

## Application of base clear wet on wet system on hood/bonnet

### Instructions:

* Preparation of a new car part for wet on wet
* Apply primer to complete part. **Have Expert evaluate**
* Color - 2 Stage
* Basecoat standard application inside and outside
* You must mix color from formula and use “Job Card” in computer program for all mixing
* High gloss clear coat application
* **Save all dry waste in dry waste material container and all liquid waste in liquid material container**



2H

# Module E

## Design on pre-painted wheel



### Instructions:



* Preparation of painted wheel
* See given example for location of colors
* Design with Russian flag colors
  + RAL 9010
  + Pantone red 485C
  + Pantone blue 286C
* You will be supplied with premixed formula
* You must use “Job Card” in computer program for mixing
* Clear coat
* **Save all dry waste in dry waste material container and all liquid waste in liquid material container**

# Module F



4H

## Repair scratch and blend three layer on fender.



### Polish

Instructions:

* Prepare a damaged (scratch 4-8 cm) front fender.
* Prime and prepare for paint
* You must mix color from formula and use “Job Card” in computer program for all mixing
* Prepare part for blending – **Have Expert evaluate before painting**.
* Basecoat effect-matching – you will be given five spray-out cards. Apply coats and determine which will give a proper match. **Give matching card to Expert.**
* The fender must be painted and dried in a vertical position
* Blend color and then clear the entire part
* After the fender has dried **Expert** will deliberately lightly scuff (light scratch) an area
* Polish complete part as needed
* **Save all dry waste in dry waste material box and all liquid waste in liquid material**