# Auto Refinishing II Course No. 40312 Credit: 1.0

|  |  |  |  |
| --- | --- | --- | --- |
| **Student name:** |  | **Graduation Date:** |  |

Pathways and CIP Codes:Mobile Equipment Maintenance (47.9999) - Collision Strand

Course Description: A comprehensive, **application level** course designed to provide students with the advanced skills needed to perform diagnosis and repair in the Auto Refinishing Industry. (Prerequisite: Auto Refinishing I.)

Directions:The following competencies are required for full approval of this course. Check the appropriate number to indicate the level of competency reached for learner evaluation.

**RATING SCALE:**

4. Exemplary Achievement: Student possesses outstanding knowledge, skills or professional attitude.

3. Proficient Achievement:Student demonstrates good knowledge, skills or professional attitude. Requires limited supervision.

2. Limited Achievement:Student demonstrates fragmented knowledge, skills or professional attitude. Requires close supervision.

1. Inadequate Achievement:Student lacks knowledge, skills or professional attitude.

0. No Instruction/Training:Student has not received instruction or training in this area.

## Benchmark 1: Orientation

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 1.1 | Discuss differences between the refinishing industry and the custom refinishing /application industry. |  |
| 1.2 | Utilize good safety practices in the shop. |  |
| 1.3 | Research and discuss maintenance and limitations of ventilation and filtration as it pertains to shop environment and personal safety. |  |
| 1.4 | Demonstrate proper handling and disposal procedures for hazardous materials. |  |
| 1.5 | Demonstrate knowledge, safety, and preventive maintenance procedures of tools and power equipment. |  |

## Benchmark 2: Refinishing

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Identify and discuss usage of custom refinishing / application materials. |  |
| 2.2 | Inspect and adjust spray equipment / adjust application equipment. |  |
| 2.3 | Prepare surface for paint including proper masking procedures. |  |
| 2.4 | Apply primer, sealer, and/or basecoat where needed. |  |
| 2.5 | Apply clear coat /intercoat if required for custom procedure. |  |
| 2.6 | Clean and inspect work. |  |
| 2.7 | Apply tri-stage finish. |  |
| 2.8 | Apply various blending techniques. |  |

## Benchmark 3: Custom Application

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 3.1 | Identify and discuss custom technique to be used and formulate a plan of action. |  |
| 3.2 | Prepare and organize materials. |  |
| 3.3 | Prepare surface for paint or application. |  |
| 3.4 | Formulate paint. |  |
| 3.5 | Apply custom technique or application to the surface. |  |
| 3.6 | Apply clear coat. |  |

## Benchmark 4: Paint Defects – Causes and Cures

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 4.1 | Identify paint or application defects and their cause(s). |  |
| 4.2 | Apply problem solving skills to resolve defects. |  |

## Benchmark 5: Final Detail

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 5.1 | Color sand and buff paint surface. |  |
| 5.2 | Clean and inspect work. |  |

I certify that the student has received training in the areas indicated.

Instructor Signature:

For more information, contact:

CTE Pathways Help Desk

(785) 296-4908

[pathwayshelpdesk@ksde.org](mailto:pathwayshelpdesk@ksde.org)



900 S.W. Jackson Street, Suite 102

Topeka, Kansas 66612-1212

[https://www.ksde.org](https://www.ksde.org/)

The Kansas State Department of Education does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities and provides equal access to any group officially affiliated with the Boy Scouts of America and other designated youth groups. The following person has been designated to handle inquiries regarding the nondiscrimination policies: KSDE General Counsel, Office of General Counsel, KSDE, Landon State Office Building, 900 S.W. Jackson, Suite 102, Topeka, KS 66612, (785) 296-3201.