# Auto Collision II Course No. 40302 Credit: 1.0

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| --- | --- | --- | --- |
| **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 Collision Industry. (Prerequisite: Auto Collision 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 | Access and utilize environmental protection regulations and practices. |  |

## Benchmark 2: Collision Report Writing

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 2.1 | Analyze damage and select appropriate repair procedures. |  |
| 2.2 | Interpret and apply collision estimation information. |  |
| 2.3 | Prepare damage report in logical sequence. |  |
| 2.4 | Research and understand new, advanced materials used in vehicle construction. |  |

## Benchmark 3: Advanced Cosmetic Panel Repair

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 3.1 | Straighten complex sheet metal damage. |  |
| 3.2 | Demonstrate proficient use of body fillers. |  |

## Benchmark 4: Introduction to Structural Repair

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 4.1 | Use GMAW equipment to perform welds. |  |
| 4.2 | Straighten and align frame or unibody damage. |  |
| 4.3 | Replace unitized components. |  |
| 4.4 | Explore resistance spot welding. |  |

## Benchmark 5: Electrical Operations

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 5.1 | Read and apply wiring diagrams. |  |
| 5.2 | Replace or repair damaged wiring. |  |
| 5.3 | Replace and aim headlight assemblies. |  |
| 5.4 | Demonstrate safety knowledge of supplemental restraint systems. |  |
| 5.5 | Explore Advanced Driver Assist Systems (ADAS). |  |

## Benchmark 6: Collision Related Mechanical Operations

### Competencies

| **#** | **DESCRIPTION** | **RATING** |
| --- | --- | --- |
| 6.1 | Remove and replace components as needed based on diagnostics. |  |
| 6.2 | Demonstrate basic understanding of wheel alignment terminology. |  |

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

Instructor Signature:

For more information, contact:

CTE Pathways Help Desk

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