

Clackamas Community College

Online Course/Outline Submission System

 Show changes since last approval in red**Section #1 General Course Information****Department:** Automotive:Collision Repair/Refinishing Technology**Submitter**

First Name: Dave

Last Name: Bradley

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Email: bradleyd

Course Prefix and Number: ABR - 129

Credits: 6**Contact hours**

Lecture (# of hours):

Lec/lab (# of hours): 132

Lab (# of hours):

Total course hours: 132

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Collision Repair/Refinishing III**Course Description:**

Application of solvent and waterborne basecoats and tri-coats and urethane topcoats, using both foreign and domestic refinish systems. Includes complete refinishing, spot and panel painting, color matching and problem solving.

Type of Course: Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Collision Repair and Refinishing Technology AAS Degree & Career Pathway Certificate

Are there prerequisites to this course?

Yes

Pre-reqs: ABR-127

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

- ✓ Fall
- ✓ Winter
- ✓ Spring

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. select and apply the appropriate finish to complete a satisfactory repair;
2. evaluate any defects present and remove them,
3. bring the paint surface to the degree of perfection necessary to satisfy the most demanding customer,
4. understand the components of color, value, hue, and chroma.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Review of Safety Procedures.
 - a. Eye & Respiratory.
 - b. Chemical handling.
 - c. Fire hazards and prevention.
2. Preparation Techniques.
3. Basecoat/clear coat finishes.
 - a. Selection of undercoats – tinted sealers, etc.
 - b. Reducers for specific applications.
4. Modern paint technology.
5. Mixing according to a formula.
6. Paint variances.
7. Tinting and blending.
 - a. Test panels.
 - b. Let-down panels.
 - c. 3-stage finishes.
8. Surface defects and their removal.
9. Project completion – Actual situation jobs.
 - a. Preparation, application, completion.
 - a1. Spot repairs.
 - a2. Panel repairs.
 - a3. Complete refinish.

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|------------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | Yes |
| 4. Clean up natural environment | No |
| 5. Supports green services | Yes |

Percent of course: 25%

First term to be offered:

Next available term after approval

:
