

Washtenaw Community College Comprehensive Report

CRT 200 Refinish Technician I

Effective Term: Winter 2013

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: Automotive Body

Discipline: Collision Repair Technician

Course Number: 200

Org Number: 14110

Full Course Title: Refinish Technician I

Transcript Title: Refinish Technician I

Is Consultation with other department(s) required: No

Publish in the Following: College Catalog , Time Schedule , Web Page

Reason for Submission: Course Change

Change Information:

Consultation with all departments affected by this course is required.

Pre-requisite, co-requisite, or enrollment restrictions

Outcomes/Assessment

Rationale: need to update prerequisites because of ABR program change

Proposed Start Semester: Winter 2013

Course Description: Students will continue their training for possible employment in the collision refinishing industry. Intricate, hard-to-paint automobile parts, such as front bumpers, side mirrors and door handles will be areas of focus. Techniques on proper spray-gun operation and set up, along with specialized polishing procedures, will be covered. Other course topics include the use of job specific tooling that aids in the jiggling of small parts and information on the uses and application of various forms of masking materials.

Course Credit Hours

Variable hours: No

Credits: 4

Lecture Hours: Instructor: 60 **Student:** 60

Lab: Instructor: 45 **Student:** 45

Clinical: Instructor: 0 **Student:** 0

Total Contact Hours: Instructor: 105 **Student:** 105

Repeatable for Credit: NO

Grading Methods: Letter Grades

Audit

Are lectures, labs, or clinicals offered as separate sections?: NO (same sections)

College-Level Reading and Writing

College-level Reading & Writing

College-Level Math

Requisites

Prerequisite

ABR 111 minimum grade "B"
and

Prerequisite

ABR 112 minimum grade "B"

and

Prerequisite

ABR 123 minimum grade "B"

and

Prerequisite

ABR 124 minimum grade "B"

and

Prerequisite

ABR 113 minimum grade "B"

or

Prerequisite

ABR 135 minimum grade "B"

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Identify and demonstrate principles of spray gun set-up and various techniques.

Assessment 1

Assessment Tool: Student Achievement Record. Final Exam.

Assessment Date: Winter 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will score 80% or higher on the exam and student achievement record

Who will score and analyze the data: Departmental faculty.

2. Practice proper safety and maintenance to comply with NIOSH/OSHA standards for respirator systems.

Assessment 1

Assessment Tool: Student Achievement Record. Final Exam.

Assessment Date: Winter 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will score 80% or higher on the exam and student achievement record

Who will score and analyze the data: Departmental faculty.

3. Demonstrate ability to reference manufacturer's paint label and to obtain a blendable match.

Assessment 1

Assessment Tool: Student Achievement Record. Final Exam.

Assessment Date: Winter 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will score 80% or higher on the exam and student achievement record

Who will score and analyze the data: Departmental faculty.

4. Assess causes of corrosion and determine correct course of repair.

Assessment 1

Assessment Tool: Student Achievement Record. Final Exam.

Assessment Date: Winter 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will score 80% or higher on the exam and student achievement record

Who will score and analyze the data: Departmental faculty.

5. Perform all applicable masking procedures associated with specific refinish repair.

Assessment 1

Assessment Tool: Student Achievement Record. Final Exam.

Assessment Date: Winter 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will score 80% or higher on the exam and student achievement record

Who will score and analyze the data: Departmental faculty.

6. Apply appropriate vehicle accents and demonstrate proper detailing techniques.

Assessment 1

Assessment Tool: Student Achievement Record. Final Exam.

Assessment Date: Winter 2013

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Departmentally-developed rubric

Standard of success to be used for this assessment: 80% of the students will score 80% or higher on the exam and student achievement record

Who will score and analyze the data: Departmental faculty.

Course Objectives

1. Explore planned classroom, activities and demonstrate the ability to apply fundamental principles of collision damage repair.

Matched Outcomes

1. Identify and demonstrate principles of spray gun set-up and various techniques.
2. Select and use the NIOSH approved (Fresh Air make-up System) personal painting/refinishing respirator system. Perform proper maintenance in accordance with OSHA Regulation 1910.134 and applicable state and local regulation.

Matched Outcomes

2. Practice proper safety and maintenance to comply with NIOSH/OSHA standards for respirator systems.
3. Determine type and color of paint already on vehicle by manufacturer's vehicle information label.

Matched Outcomes

3. Demonstrate ability to reference manufacturer's paint label and to obtain a blendable match.
4. Tint color using formula to achieve a blendable match.

Matched Outcomes

3. Demonstrate ability to reference manufacturer's paint label and to obtain a blendable match.
5. Identify corrosion; determine the cause(s) and correct the condition.

Matched Outcomes

4. Assess causes of corrosion and determine correct course of repair.
6. Mask and protect other areas that will not be refinished.

Matched Outcomes

5. Perform all applicable masking procedures associated with specific refinish repair.
7. Apply decals, transfers, tapes, woodgrains, pinstripes (painted and taped), etc.

Matched Outcomes

6. Apply appropriate vehicle accents and demonstrate proper detailing techniques.
8. Clean interior, exterior, and glass.

Matched Outcomes

6. Apply appropriate vehicle accents and demonstrate proper detailing techniques.

New Resources for Course**Course Textbooks/Resources**

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities**Reviewer****Action****Date****Faculty Preparer:**

Scott Malnar

Faculty Preparer

Sep 05, 2012

Department Chair/Area Director:

Scott Malnar

Recommend Approval

Sep 05, 2012

Dean:

Marilyn Donham

Recommend Approval

Sep 18, 2012

Vice President for Instruction:

Stuart Blacklaw

Approve

Oct 19, 2012