

Washtenaw Community College Comprehensive Report

CRT 222 Refinish Technician II Effective Term: Spring/Summer 2022

Course Cover

College: Advanced Technologies and Public Service Careers
Division: Advanced Technologies and Public Service Careers
Department: Transportation Technologies
Discipline: Collision Repair Technician (new)
Course Number: 222
Org Number: 14100
Full Course Title: Refinish Technician II
Transcript Title: Refinish Technician II
Is Consultation with other department(s) required: No
Publish in the Following: College Catalog , Time Schedule , Web Page
Reason for Submission: Inactivation
Change Information:

Consultation with all departments affected by this course is required.

Rationale: No longer part of program.

Proposed Start Semester: Winter 2022

Course Description: In this course, students will apply advanced collision refinishing training in "real world" situations. They will perform light to medium level refinishing operations on college-owned vehicles. Solid and metallic base-coat/clear-coat and single stage paint systems will be areas of focus. Panel refinishing, blends, and "cut-ins" will be some of the topics covered. Also covered are crucial final detail and inspection information that the modern refinish technician must know in order to effectively release a vehicle back to its owner. Additional topics such as interior and exterior care, buffing, glazing, waxing, overspray removal, leak detection, engine bay reconditioning and preparing vehicles for resale, will be covered. This course contains material previously taught in CRT 220 and CRT 260.

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

CRT 202 minimum grade "B"; may enroll concurrently

General Education**Request Course Transfer**

Proposed For:

Student Learning Outcomes

1. Determine the correct pinstripe/transfer tape and install correctly for automotive detailing.

Assessment 1

Assessment Tool: Final Exam

Assessment Date: Winter 2017

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer Key

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

Who will score and analyze the data: departmental faculty

Assessment 2

Assessment Tool: Student Achievement Record

Assessment Date: Winter 2017

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 student achievement record.

Who will score and analyze the data: departmental faculty

2. Remove overspray from multiple surfaces without damaging the vehicle.

Assessment 1

Assessment Tool: Final Exam

Assessment Date: Winter 2017

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer Key

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

Who will score and analyze the data: departmental faculty

Assessment 2

Assessment Tool: Student Achievement Record

Assessment Date: Winter 2017

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 student achievement record.

Who will score and analyze the data: departmental faculty

3. Correct paint defects from natural causes without damaging the vehicle.

Assessment 1

Assessment Tool: Final Exam

Assessment Date: Winter 2017

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer Key

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

Who will score and analyze the data: departmental faculty

Assessment 2

Assessment Tool: Student Achievement Record

Assessment Date: Winter 2017

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 student achievement record.

Who will score and analyze the data: departmental faculty

4. Determine the current industry standard for refinishing, and execute procedures on a selected project vehicle.

Assessment 1

Assessment Tool: Final Exam

Assessment Date: Winter 2017

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer Key

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

Who will score and analyze the data: departmental faculty

Assessment 2

Assessment Tool: Student Achievement Record

Assessment Date: Winter 2017

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 student achievement record.

Who will score and analyze the data: departmental faculty

5. Determine the most economical process to refinish and deliver a quality vehicle to the customer.

Assessment 1

Assessment Tool: Final Exam

Assessment Date: Winter 2017

Assessment Cycle: Every Three Years

Course section(s)/other population: All

Number students to be assessed: All

How the assessment will be scored: Answer Key

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

Who will score and analyze the data: departmental faculty

Assessment 2

Assessment Tool: Student Achievement Record

Assessment Date: Winter 2017

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 student achievement record.

Who will score and analyze the data: departmental faculty

Course Objectives

1. Determine refinish details to be repaired.
2. Identify need for interior and exterior care.
3. Perform painting, buffing, glazing, and waxing.
4. Perform leak detection, engine bay reconditioning, and prepare vehicles for resale.
5. Identify different types of pinstripe/transfer tapes.
6. Determine appropriate type of tape for various metal and plastic installations.
7. Apply and remove tapes correctly for various installations.
8. Determine how to match Original Equipment Manufacturer (OEM) and custom applications.
9. Identify and perform overspray removal in accordance with industry standards.
10. Determine what techniques should be used in the removal of overspray depending on the substrate.
11. Identify and correct finish damage caused by bird droppings, tree sap, and other natural causes in accordance with industry standards.
12. Identify and perform refinish procedures to selected project vehicles in accordance with industry standards.
13. Perform zone refinishing techniques on a vehicle.
14. Perform multiple refinish blends to repaired area on the vehicle to achieve desired results.
15. Repair and refinish partial or entire vehicle for a single color procedure.
16. Prepare and refinish partial or entire vehicle with solid or metallic base coat/clear coat when appropriate.
17. Prepare and refinish panels, use blends and "cut-ins" when appropriate.

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

Reviewer

Action

Date

Faculty Preparer:

Justin Morningstar

Faculty Preparer

Nov 10, 2021

Department Chair/Area Director:

Rocky Roberts

Recommend Approval

Nov 10, 2021

Dean:

*Jimmie Baber**Recommend Approval**Nov 12, 2021***Curriculum Committee Chair:***Randy Van Wagnen**Reviewed**Dec 07, 2021***Assessment Committee Chair:****Vice President for Instruction:***Kimberly Hurns**Approve**Dec 08, 2021*

Washtenaw Community College Comprehensive Report

CRT 222 Refinish Technician II

Effective Term: Winter 2014

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: Automotive Body

Discipline: Collision Repair Technician

Course Number: 222

Org Number: 14110

Full Course Title: Refinish Technician II

Transcript Title: Refinish Technician II

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:

Course discipline code & number

Course description

Pre-requisite, co-requisite, or enrollment restrictions

Outcomes/Assessment

Objectives/Evaluation

Rationale: Because of the length of the advanced certificate programs, student success and completion rates have been below expectations. With students unable to complete all courses because of limited offerings we are revising the program. We are combining material from CRT 220 and CRT 260 into one course and reducing the number of credit hours in the program.

Proposed Start Semester: Winter 2014

Course Description: In this course, students will apply advanced collision refinishing training in "real world" situations. They will perform light to medium level refinishing operations on college-owned vehicles. Solid and metallic base-coat/clear-coat and single stage paint systems will be areas of focus. Panel refinishing, blends, and "cut-ins" will be some of the topics covered. Also covered are crucial final detail and inspection information that the modern refinish technician must know in order to effectively release a vehicle back to its owner. Additional topics such as interior and exterior care, buffing, glazing, waxing, overspray removal, leak detection, engine bay reconditioning and preparing vehicles for resale, will be covered. This course contains material previously taught in CRT 220 and CRT 260.

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1. Determine refinish details to be repaired.
Matched Outcomes
2. Identify need for interior and exterior care.
Matched Outcomes
3. Perform painting, buffing, glazing, and waxing.
Matched Outcomes
4. Perform leak detection, engine bay reconditioning, and prepare vehicles for resale.
Matched Outcomes
5. Identify different types of pinstripe/transfer tapes.
Matched Outcomes
6. Determine appropriate type of tape for various metal and plastic installations.
Matched Outcomes
7. Apply and remove tapes correctly for various installations.
Matched Outcomes
8. Determine how to match Original Equipment Manufacturer (OEM) and custom applications.
Matched Outcomes
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Matched Outcomes
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Matched Outcomes
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Matched Outcomes

New Resources for Course

Course Textbooks/Resources

Textbooks
Manuals
Periodicals

Software

Equipment/Facilities

Level III classroom

Reviewer

Action

Date

Faculty Preparer:

Scott Malnar

Faculty Preparer

Sep 09, 2013

Department Chair/Area Director:

Scott Malnar

Recommend Approval

Sep 10, 2013

Dean:

Marilyn Donham

Recommend Approval

Sep 24, 2013

Vice President for Instruction:

Bill Abernethy

Approve

Oct 11, 2013