Washtenaw Community College Comprehensive Report

ATT 262 Advanced Special Vehicle Prototyping
Effective Term: Fall 2025

Course Cover

College: Advanced Technologies and Public Service Careers
Division: Advanced Technologies and Public Service Careers
Department: Transportation Technologies
Discipline: Automotive & Transportation Tech (new)
Course Number: 262
Org Number: 14100
Full Course Title: Advanced Special Vehicle Prototyping
Transcript Title: Adv Special Vehicl Prototyping
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 title
Course description
Pre-requisite, co-requisite, or enrollment restrictions
Outcomes/Assessment
Rationale: Update prereqs and update the course for the new discipline.
Proposed Start Semester: Fall 2025
Course Description: In this course, students will perform advanced paint operations such as "ghosting" of graphics, "smoking" of headlights/taillights and special sanding/buffing procedures as related to the final appearance of a custom car. The removal of factory body imperfections will also be discussed. The course emphasis will be the application of a show quality paint job. This course was previously CCC 250.

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
ATT 260 minimum grade "B" and ATT 123 minimum grade "B" or ATT 124 minimum grade "B"
Prerequisite
ATT 260 minimum grade "B"; ATT 123 or ATT 124, minimum grade "B"

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Demonstrate the ability to remove factory body imperfections.
   Assessment 1
   Assessment Tool: Outcome-related final student project (car)
   Assessment Date: Fall 2025
   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: 70% of the students will score 80% (4 out of 5) or higher.
   Who will score and analyze the data: Departmental faculty

2. Determine and perform the correct procedures required for perfecting body panel gaps and preparing plastic textured parts for refinishing.
   Assessment 1
   Assessment Tool: Outcome-related final student project (car)
   Assessment Date: Fall 2025
   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: 70% of the students will score 80% (4 out of 5) or higher.
   Who will score and analyze the data: Departmental faculty

3. Demonstrate advanced paint operations such as "ghosting" of graphics and "smoking" of headlights/taillights.
   Assessment 1
   Assessment Tool: Outcome-related final student project (car)
   Assessment Date: Fall 2025
   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: 70% of the students will score 80% (4 out of 5) or higher.
   Who will score and analyze the data: Departmental faculty

4. Demonstrate the ability to sand/buff a vehicle to achieve a custom car refinished appearance.
   Assessment 1
   Assessment Tool: Outcome-related final student project (car)

Assessment Date: Fall 2025
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: 70% of the students will score 80% (4 out of 5) or higher.
Who will score and analyze the data: Departmental faculty

Course Objectives

1. Describe the procedures for removing factory stamping marks and spot weld seam imperfections.
2. Demonstrate proper removal of factory stamping marks and spot weld seam imperfections.
3. Describe the procedures for shaving door handles.
4. Demonstrate the ability to shave door handles.
5. Describe the procedures for perfecting body panel gaps using the most current techniques.
6. Demonstrate the ability to perfect body panel gaps with the most appropriate method.
7. Describe the procedures for preparing plastic textured parts for refinishing.
8. Demonstrate the ability to prepare plastic textured parts for refinishing.
9. Describe the procedures for producing ghosted graphics and smoked headlights/taillights.
10. Demonstrate the ability to produce ghosted graphics and smoked headlights/taillights.
11. Describe the procedures for sanding/buffing a vehicle to achieve a custom car refinished appearance.
12. Demonstrate the ability to sand/buff a vehicle to achieve a custom car refinished appearance.
13. Explore various waxing methods and how they are used.

New Resources for Course

Panel gapping wax.

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom
Computer workstations/lab

Reviewer	Action	Date
Faculty Preparer:		
Timothy VanSchoick	*Faculty Preparer*	*Mar 27, 2024*
Department Chair/Area Director:		
Rocky Roberts	*Recommend Approval*	*Mar 27, 2024*
Dean:		
Eva Samulski	*Recommend Approval*	*Apr 03, 2024*
Curriculum Committee Chair:		
Randy Van Wagnen	*Recommend Approval*	*Mar 20, 2025*
Assessment Committee Chair:		
Jessica Hale	*Recommend Approval*	*Mar 20, 2025*
Vice President for Instruction:		
Brandon Tucker	*Approve*	*Mar 21, 2025*

Washtenaw Community College Comprehensive Report

CCC 250 Custom Auto Body Technician II
Effective Term: Fall 2022

Course Cover

College: Advanced Technologies and Public Service Careers
Division: Advanced Technologies and Public Service Careers
Department: Transportation Technologies
Discipline: Custom Cars and Concepts (new)
Course Number: 250
Org Number: 14100
Full Course Title: Custom Auto Body Technician II
Transcript Title: Custom Auto Body Technician II
Is Consultation with other department(s) required: No
Publish in the Following: College Catalog , Time Schedule , Web Page
Reason for Submission: Three Year Review / Assessment Report
Change Information:
Objectives/Evaluation
Rationale: Three-year cycle review
Proposed Start Semester: Winter 2022
Course Description: In this course, students will perform advanced paint operations such as "ghosting" of graphics, "smoking" of headlights/taillights and special sanding/buffing procedures as related to the final appearance of a custom car. The removal of factory body imperfections will also be discussed. The course emphasis will be the application of a show quality paint job.

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
CCC 210 minimum grade "B"; may enroll concurrently

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Demonstrate the ability to remove factory body imperfections.
   Assessment 1
   Assessment Tool: Outcome-related final student project (car)
   Assessment Date: Winter 2024
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Departmentally-developed rubric
   Standard of success to be used for this assessment: 70% of the students will score 80% (4 out of 5) or higher.
   Who will score and analyze the data: Departmental chair and instructors

2. Determine and perform the correct procedures required for perfecting body panel gaps and preparing plastic textured parts for refinishing.
   Assessment 1
   Assessment Tool: Outcome-related final student project (car)
   Assessment Date: Winter 2024
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Departmentally-developed rubric
   Standard of success to be used for this assessment: 70% of the students will score 80% (4 out of 5) or higher.
   Who will score and analyze the data: Departmental chair and instructors

3. Demonstrate advanced paint operations such as "ghosting" of graphics and "smoking" of headlights/taillights.
   Assessment 1
   Assessment Tool: Outcome-related final student project (car)
   Assessment Date: Winter 2024
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Departmentally-developed rubric
   Standard of success to be used for this assessment: 70% of the students will score 80% (4 out of 5) or higher.
   Who will score and analyze the data: Departmental chair and instructors

4. Demonstrate the ability to sand/buff a vehicle to achieve a custom car refinished appearance.
   Assessment 1
   Assessment Tool: Outcome-related final student project (car)
   Assessment Date: Winter 2024
   Assessment Cycle: Every Three Years
   Course section(s)/other population: All sections
   Number students to be assessed: All students
   How the assessment will be scored: Departmentally-developed rubric
   Standard of success to be used for this assessment: 70% of the students will score 80% (4 out of 5) or higher.
   Who will score and analyze the data: Departmental chair and instructors

Course Objectives

1. Describe the procedures for removing factory stamping marks and spot weld seam imperfections.
2. Demonstrate proper removal of factory stamping marks and spot weld seam imperfections.
3. Describe the procedures for shaving door handles.
4. Demonstrate the ability to shave door handles.
5. Describe the procedures for perfecting body panel gaps using the most current techniques.
6. Demonstrate the ability to perfect body panel gaps with the most appropriate method.
7. Describe the procedures for preparing plastic textured parts for refinishing.
8. Demonstrate the ability to prepare plastic textured parts for refinishing.
9. Describe the procedures for producing ghosted graphics and smoked headlights/taillights.
10. Demonstrate the ability to produce ghosted graphics and smoked headlights/taillights.
11. Describe the procedures for sanding/buffing a vehicle to achieve a custom car refinished appearance.
12. Demonstrate the ability to sand/buff a vehicle to achieve a custom car refinished appearance.
13. Explore various waxing methods and how they are used.

New Resources for Course

Panel gapping wax.

Course Textbooks/Resources

Textbooks
Manuals
Periodicals
Software

Equipment/Facilities

Level III classroom
Computer workstations/lab
Data projector/computer

Reviewer	Action	Date
Faculty Preparer:		
Gary Sobbry	*Faculty Preparer*	*Aug 05, 2021*
Department Chair/Area Director:		
Rocky Roberts	*Recommend Approval*	*Aug 09, 2021*
Dean:		
Jimmie Baber	*Recommend Approval*	*Aug 22, 2021*
Curriculum Committee Chair:		
Randy Van Wagnen	*Recommend Approval*	*Apr 14, 2022*
Assessment Committee Chair:		
Shawn Deron	*Recommend Approval*	*Apr 18, 2022*
Vice President for Instruction:		
Kimberly Hurns	*Approve*	*Apr 22, 2022*

Washtenaw Community College Comprehensive Report

CCC 250 Custom Auto Body Technician II
Effective Term: Spring/Summer 2014

Course Cover

Division: Advanced Technologies and Public Service Careers
Department: Automotive Body
Discipline: Custom Cars and Concepts
Course Number: 250
Org Number: 14110
Full Course Title: Custom Auto Body Technician II
Transcript Title: Custom Auto Body Technician II
Is Consultation with other department(s) required: No
Publish in the Following: College Catalog , Time Schedule , Web Page
Reason for Submission: New Course
Change Information:
Consultation with all departments affected by this course is required.
Rationale: Conditionally approved. Requesting full approval.
Proposed Start Semester: Spring/Summer 2014
Course Description: In this course, emphasis will be placed on the application of a show quality paint job. Topics include the removal of factory body imperfections. Students will perform advanced paint operations such as "ghosting" of graphics, "smoking" of headlights/taillights and special sanding/buffing procedures as related to the final appearance of a custom car. This course contains material previously taught in CCC 220 and CCC 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
CCC 210 minimum grade "B"; may enroll concurrently

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Demonstrate the ability to remove factory body imperfections.
   Assessment 1
   Assessment Tool: final student project (car)
   Assessment Date: Spring/Summer 2015
   Assessment Cycle: Every Three Years
   Course section(s)/other population: all sections
   Number students to be assessed: all students
   How the assessment will be scored: The final project will be assessed using the NATEF checklist.
   Standard of success to be used for this assessment: An overall class average of 3.5 (of 5) or higher on review of the final student project.
   Who will score and analyze the data: Departmental chair and instructors will blind-score the project and analyze data.

2. Determine and perform the correct procedures required for perfecting body panel gaps and preparing plastic textured parts for refinishing.
   Assessment 1
   Assessment Tool: final student project (car)
   Assessment Date: Spring/Summer 2015
   Assessment Cycle: Every Three Years
   Course section(s)/other population: all sections
   Number students to be assessed: all students
   How the assessment will be scored: The final project will be assessed using the NATEF checklist.
   Standard of success to be used for this assessment: An overall class average of 3.5 (of 5) or higher on review of the final student project.
   Who will score and analyze the data: Departmental chair and instructors will blind-score the project and analyze data.

3. Demonstrate advanced paint operations such as "ghosting" of graphics and "smoking" of headlights/taillights.
   Assessment 1
   Assessment Tool: final student project (car)
   Assessment Date: Spring/Summer 2015
   Assessment Cycle: Every Three Years
   Course section(s)/other population: all sections
   Number students to be assessed: all students
   How the assessment will be scored: The final project will be assessed using the NATEF checklist.
   Standard of success to be used for this assessment: An overall class average of 3.5 (of 5) or higher on review of the final student project.
   Who will score and analyze the data: Departmental chair and instructors will blind-score the project and analyze data.

4. Demonstrate the ability to sand/buff a vehicle to achieve a custom car refinished appearance.
   Assessment 1
   Assessment Tool: final student project (car)
   Assessment Date: Spring/Summer 2015
   Assessment Cycle: Every Three Years
   Course section(s)/other population: all sections
   Number students to be assessed: all students
   How the assessment will be scored: The final project will be assessed using the NATEF checklist.
   Standard of success to be used for this assessment: An overall class average of 3.5 (of 5) or higher on review of the final student project.

Who will score and analyze the data: Departmental chair and instructors will blind-score the project and analyze data.

Course Objectives

1. Describe the procedures for removing factory stamping marks and spot weld seam imperfections.
   Matched Outcomes
2. Properly remove factory stamping marks and spot weld seam imperfections.
   Matched Outcomes
3. Describe the procedures for shaving door handles.
   Matched Outcomes
4. Demonstrate the ability to shave door handles.
   Matched Outcomes
5. Describe the procedures for perfecting body panel gaps.
   Matched Outcomes
6. Demonstrate the ability to perfect body panel gaps.
   Matched Outcomes
7. Describe the procedures for preparing plastic textured parts for refinishing.
   Matched Outcomes
8. Demonstrate the ability to prepare plastic textured parts for refinishing.
   Matched Outcomes
9. Describe the procedures for producing ghosted graphics and smoked headlights/taillights.
   Matched Outcomes
10. Demonstrate the ability to produce ghosted graphics and smoked headlights/taillights.
    Matched Outcomes
11. Describe the procedures for sanding/buffing a vehicle to achieve a custom car refinished appearance.
    Matched Outcomes
12. Demonstrate the ability to sand/buff a vehicle to achieve a custom car refinished appearance.
    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*	*Oct 23, 2013*
Department Chair/Area Director:		
Scott Malnar	*Recommend Approval*	*Oct 23, 2013*
Dean:		
Marilyn Donham	*Recommend Approval*	*Oct 23, 2013*
Vice President for Instruction:		
Bill Abernethy	*Approve*	*Nov 13, 2013*