

Washtenaw Community College Comprehensive Report

ATT 260 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: 260
Org Number: 14100
Full Course Title: Special Vehicle Prototyping
Transcript Title: Special Vehicle 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 prerequisites and update the course for the new discipline.

Proposed Start Semester: Fall 2025

Course Description: In this course, students who are interested in specialty car markets will build on experiences in prerequisite courses to evaluate their skills, while learning the techniques and applications of the design and building of custom cars. Students will learn to install and modify many aftermarket products such as hinge kits, remote door openers, custom enclosures, interior modifications and the process used to achieve show car quality sheet metal fit and finish. Teamwork, establishing project guidelines, time management, developing problem-solving skills, goal setting and the achievement of these goals will be emphasized. This course was previously CCC 210.

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 111 minimum grade B

or

Prerequisite

ATT 112 minimum grade B

General Education

Request Course Transfer

Proposed For:

Student Learning Outcomes

1. Demonstrate the ability to install and modify multiple presentations of specialty car aftermarket parts.

Assessment 1

Assessment Tool: Outcome-related student project

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: Outcome-related rubric criteria

Standard of success to be used for this assessment: 70% of the students will score 70% (3.5 out of 5) or higher.

Who will score and analyze the data: Departmental faculty

2. Determine and perform the correct procedures and techniques required for interior modification.

Assessment 1

Assessment Tool: Outcome-related student project

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: Outcome-related rubric criteria

Standard of success to be used for this assessment: 70% of the students will score 70% (3.5 out of 5) or higher.

Who will score and analyze the data: Departmental faculty

3. Demonstrate the ability to design, manufacture and install custom speaker enclosures.

Assessment 1

Assessment Tool: Outcome-related student project

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: Outcome-related rubric criteria

Standard of success to be used for this assessment: 70% of the students will score 70% (3.5 out of 5) or higher.

Who will score and analyze the data: Departmental faculty

4. Demonstrate the ability to achieve show car quality sheet metal fit and finish.

Assessment 1

Assessment Tool: Outcome-related student project

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: Outcome-related rubric criteria

Standard of success to be used for this assessment: 70% of the students will score 70% (3.5 out of 5) or higher.

Who will score and analyze the data: Departmental faculty

Course Objectives

1. Describe the procedures for modifying and installing multiple aftermarket specialty car parts.
2. Align and modify aftermarket parts to properly fit application.
3. Identify various procedures of aftermarket parts attachment.
4. Prepare original equipment manufacturer (OEM) interior surfaces for modifications.
5. Describe the procedures for modifying interiors.
6. Demonstrate the ability to modify interiors according to an established plan.
7. Describe the procedures for producing and installing custom speaker enclosures.
8. Construct custom enclosures according to an established plan.
9. Demonstrate the ability to install custom enclosures.
10. Identify proper placement of interior components based on ergonomic design concepts.
11. Describe the procedures to achieve show car quality sheet metal fit and finish.
12. Demonstrate the ability to manipulate automotive sheet metal to achieve show car fit and finish.

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

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

Washtenaw Community College Comprehensive Report

CCC 210 Custom Auto Body Technician I Effective Term: Winter 2014

Course Cover

Division: Advanced Technologies and Public Service Careers

Department: Automotive Body

Discipline: Custom Cars and Concepts

Course Number: 210

Org Number: 14110

Full Course Title: Custom Auto Body Technician I

Transcript Title: Custom Auto Body 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:

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 and combining material from CCC 200 and CCC 240 into one course and reducing the number of credit hours in the program.

Proposed Start Semester: Winter 2014

Course Description: In this course, students who are interested in specialty car markets will build on experiences in prerequisite courses to evaluate their skills, while learning the techniques and applications of the design and building of custom cars. Students will learn to install and modify many aftermarket products such as hinge kits, remote door openers, custom enclosures, interior modifications and the process used to achieve show car quality sheet metal fit and finish. Teamwork, establishing project guidelines, time management, developing problem-solving skills, goal setting and the achievement of these goals will be emphasized. This course contains material previously CCC 200 and CCC 240.

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 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. Demonstrate the ability to install and modify multiple presentations of specialty car aftermarket parts.

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 the checklist

Who will score and analyze the data: Departmental chair and instructors will blind-score the student project (car) and analyze the checklist data.

2. Determine and perform the correct procedures and techniques required for interior modification.

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 the checklist

Who will score and analyze the data: Departmental chair and instructors will blind-score the student project (car) and analyze the checklist data.

3. Demonstrate the ability to design, manufacture and install custom speaker enclosures.

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 the checklist

Who will score and analyze the data: Departmental chair and instructors will blind-score the student project (car) and analyze the checklist data.

4. Demonstrate the ability to achieve show car quality sheet metal fit and finish.

Assessment 1

Assessment Tool: final student project (car)

Assessment Date: Winter 2015

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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 the checklist

Who will score and analyze the data: Departmental chair and instructors will blind-score the student project (car) and analyze the checklist data.

Course Objectives

1. Describe the procedures for modifying and installing multiple aftermarket specialty car parts.

Matched Outcomes

2. Align and modify aftermarket parts to properly fit application.

Matched Outcomes

3. Identify various procedures of aftermarket parts attachment.

Matched Outcomes

4. Prepare surface.

Matched Outcomes

5. Describe the procedures for modifying interiors.

Matched Outcomes

6. Demonstrate the ability to modify interiors according to an established plan.

Matched Outcomes

7. Describe the procedures for producing and installing custom speaker enclosures.

Matched Outcomes

8. Construct custom enclosures according to an established plan.

Matched Outcomes

9. Demonstrate the ability to install custom enclosures.

Matched Outcomes

10. Describe the procedures to achieve show car quality sheet metal fit and finish.

Matched Outcomes

11. Demonstrate the ability to manipulate automotive sheet metal to achieve show car fit and finish.

Matched Outcomes

New Resources for Course

Course Textbooks/Resources

Textbooks

Manuals

Periodicals

Software

Equipment/Facilities

Level III classroom

<u>Reviewer</u>	<u>Action</u>	<u>Date</u>
Faculty Preparer: <i>Scott Malnar</i>	<i>Faculty Preparer</i>	<i>Sep 09, 2013</i>
Department Chair/Area Director: <i>Scott Malnar</i>	<i>Recommend Approval</i>	<i>Sep 10, 2013</i>
Dean: <i>Marilyn Donham</i>	<i>Recommend Approval</i>	<i>Sep 24, 2013</i>
Vice President for Instruction: <i>Bill Abernethy</i>	<i>Approve</i>	<i>Oct 11, 2013</i>