



Automotive Collision Repair Technician II-William D. Ford Career Tech (Lab. 116)

Course Syllabus Segment Q (1st year in Program)

2024-2025 School Year

CIP 47.0603, PSN: 11632

Instructor: James Holland

Teacher Assistant: Dawn Wegehaupt

GoogleMeet:

Google Classroom Code-

Prerequisite:

V0220-1 Automotive Collision Repair Technician II, 1 Year, 3 credits

V0220-M Automotive Collision Repair Technician II, 1 Year, 2 credits plus 1 math credit

Course Description: Automotive Collision Repair Technician II

This course is a build-on to Auto Body Collision Repair. Students will experience **NON-DUPLICATED INSTRUCTION** through having work-based learning opportunities to work on the customer's car through the completion of minor and major repairs. This class also offers airbrushing and hydro dipping.

Standards will continue to learn **higher skill-set levels** of the NATEF Continuing Standards:

- Students will work on equipment and shop safety. A1-6, C1-5
- Students will work on power tools with the instructor and assistants.
- Students will have an understanding of metal finishing, heat shrinking, Mig welding patch, and plastic filler of poly putty. D1-15
- Students will have an understanding of surface prep, spray guns (siphon, gravity feed, HVLP, LVLP), and maintenance of spray guns. C1-5

- Students will have an understanding of (primers) undercoats (base, surface, sealer), topcoats (basecoat/clearcoat), and Urethane and add stripes, B1-22, graphics or flames with wet sanding, and polish of finish project. F1.
- Students will have an understanding of typical paint problems. E1-29
- Students will understand customer service panel removals, installation, and porter skills. F2-5

The hands-on portion of the class will be explained later in the coming weeks. The first weeks will be getting to know you, meet and greets, paperwork, lectures, demos, and bookwork that needs to be completed prior to the “hands-on” part of Auto Body.

Course Recommendations: Students should possess a 9th grade, or higher, reading level and a 9th grade, or higher, math level.

Book: Auto Body Repair Technology by James E. Duffy. Publisher: Cengage Learning Print ISBN: 978-0-357-13979-0 Edition: 7th

Book: Auto Body Repair Technology by James E. Duffy. Publisher: Cengage Learning Print ISBN-13: 978-1133702856 Edition: 6th
Motor Auto Body Repair, Robert Scharff & James E. Duffy, Delmar 6th Edition, (2015)

Dress Code: Students are required to wear appropriate safety attire - including, but not limited to, long pants, close-toed shoes, sleeved shirts, and safety glasses.

Grading Scale:

A+	100%	B+	87-90	C+	77-79	D+	67-69
A	94-99	B	84-87	C	74-76	D	64-66
A-	90-93	B-	80-83	C-	70-73	D-	60-63

Attendance Policy:

Due to the hands-on nature of the class and the fact that a large portion of points earned is participation-based or project-driven, students need to minimize absences. Once students reach 16 absences they no longer qualify for a certificate of completion.

Certificates That May Be Awarded:

Certificate of Completion with Outstanding Achievement – awarded to those students that complete a full year of the program with at least 80% of applicable competencies at level 3 or higher on a 4-point scale.

Certificate of Completion – awarded to those students completing a full-year program with at least 70% of applicable competencies completed at level 2 or higher on a 4-point scale.

Students in this course are eligible to sit for the ASE exam(s), which provides industry credential(s) that will support students in gaining employment in the future. William D. Ford Career Technical Center's students with a grade of C or higher are eligible. This opportunity is offered at no cost to families.

Post-Secondary Articulated Credits:

Students may be eligible to receive free college credits for WDFCTC courses they successfully complete. The qualifications and number of college credit hours available will vary by program and college with which it is affiliated. Colleges that participate in articulation agreements with our course include Baker College, Washtenaw Community College, Davenport University, Washtenaw Community College, and Ohio Technical College.

Extra Help:

The instructor will be available for extra help. Feel free to schedule a time that's convenient for you. Tests/quizzes may be read aloud and extended time may be permitted under certain circumstances. Seating arrangements may be adjusted based on student needs.

Student Leadership (CTSO) Opportunities:Lead:

All students will apply their knowledge and leadership skills through a variety of competitions (classroom and regional). This level of leadership allows students to develop workplace competencies, such as teamwork, leadership, communication, critical thinking, and academic proficiency. Students may also participate in additional event-specific regional competitions with other Career Tech Centers (if opportunities are available).

Work-Based Learning/Off-Site Delivery (Course Requirement):

Work-Based Learning is a valuable experience in which every student in Career and Technical Education is required to participate. All students will be given opportunities to attend a minimum of one field experience each school year. Those students who do not attend the scheduled experience(s) will be required to find a site where they will spend a minimum of one class period in a business related to their program of study. The student will be required to get the teacher's signed permission, and the parent/guardian's signed permission, fill out a training agreement to be signed by the site supervisor and provide their own transportation to and from the site. Upon completion of the field experience, the student will turn in a question and answer the assignment provided by the teacher regarding the experience.

By signing below, I verify that I understand all of the procedures and policies in the Student Handbook. I will follow them as stated and give my best effort to adhere to all policies that contribute to the safety and order of the WDFCTC Auto Body Collision Repair Lab.

Student Sign Off:

Student Printed Name

Student Signature

Date

By signing below, my parent or guardian agrees to support the instructors in maintaining safety and order in the Auto Body Collision Repair Lab.

Parent/Guardian Sign Off:

Parent/Guardian Printed Name

Parent/Guardian Signature

Date

Important Note: Students may lose equipment access if they do not return this form & abide by these policies.

Instructor Pledge:

By signing below, the instructor agrees to provide an environment conducive to learning course skills, to make available experiences that facilitate learning and promote awareness of job opportunities.

Instructor, James Holland

_____/_____/_____
Date

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