



COURSE SYLLABUS
AUTOMOTIVE COLLISION TECHNOLOGY I
Fall 2021

PROGRAM TITLE: Automotive Collision Technology I

DOE CODE: 5514

RECOMMENDED GRADE LEVELS: 11, 12

PREREQUISITES: None

HIGH SCHOOL CREDITS: 3 per semester (6 total per school year)

ELECTIVE INFORMATION: Counts as a Directed Elective or Elective for all diplomas

HOW WCC CAN HELP MEET GRADUATION PATHWAYS:

Pathway 1 High School Diploma = Directed Electives

Pathway 2 Employability Skills = Work-Based Learning

Pathway 3 Postsecondary Ready = Dual Credit

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PROGRAM DESCRIPTION: Automotive Collision Technology I students have both classroom and laboratory experiences in all phases of the body repair process. Students examine the characteristics of body metals including the installation of moldings, ornaments, and fasteners with an emphasis on sheet metal analysis and safety. Students also study measurement principles, computerized frame diagnosis, computerized color-mixing, and estimation of repair costs. Both personal and environmental safety is stressed following OSHA standards. This two-year training program includes the 540 hours required for the NATEF Maintenance and Light Repair level, plus more than 400 additional hours of classroom and lab time for review, employability competency training, and inclusion of other tasks reviewed, approved, and/or added by the program advisory committee.

MAJOR LEARNING OBJECTIVES:

1. Apply and adapt appropriate workplace behaviors needed for career success to prepare for further education and training programs.
2. Integrate safety and basic shop procedures into activities as appropriate to comply with professional and governmental safety standards.
3. Select appropriate procedures to repair damage to specific materials.
4. Select appropriate procedures to repair damage to glass, trim, and vehicle interior.
5. Analyze vehicle structural damage to estimate repair costs in terms of main hours and materials needed.
6. Select appropriate procedures to repair vehicle frame and structural damage.

REQUIRED TEXT/CURRICULUM MATERIALS:

- All-Data Online System
- SP2 Online Safety Training System
- I-Car Online System

DUAL CREDITS AVAILABLE:

AUTO 105 Transportation Fundamentals
Vincennes University 2 credits
Qualifies for THD and Pathway Dual Credits.

BODY 100 Non-Structural Analysis & Damage Repair
Vincennes University 3 credits
Co-requisite applies. Qualifies for THD and Pathway Dual Credits.

BODY 100L Non-Structural Analysis & Damage Repair Lab
Vincennes University 4 credits
Co-requisite applies. Qualifies for THD and Pathway Dual Credits.

METHODS OF INSTRUCTIONAL DELIVERY:

This course will be delivered using a variety of delivery methods. Lecture, class discussion, lab work, and individual and group exercises and activities will be used to deliver the class material.

EVALUATION METHODS:

- Classroom work
- Lab work
- Dual credit course projects and exams
- Participation and attendance

GRADING SCALE:

A+	99-100%	C+	78-79%
A	92-98%	C	72-77%
A-	90-91%	C-	70-71%
B+	88-89%	D+	68-69%
B	82-87%	D	62-67%
B-	80-81%	D-	60-61%
		F	59% and below

REQUIRED CONSUMABLE MATERIALS AND EQUIPMENT:

- Student uniforms
- Student kit
- 1" black view binder
- 1 set of 5 tabs/dividers

CLASS POLICIES:

1. Attend each day.
2. Communicate with your teacher when needed.
3. Put forth a good effort each day.
4. Stay on task.
5. Work well in assigned teams.
6. Do the work assigned in a timely manner.