
Automotive Collision Repair Technology

2020-21 Syllabus

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CTE Purpose Statement:

Monroe 2-Orleans BOCES Career and Technical Education develops tomorrow's workforce through programs that strengthen the technical, academic and career-readiness skills of today's high school students.

Course Description

This two-year course is designed to prepare the students for an entry level position in a collision repair facility. The course will use the I-CAR curriculum, in addition to "live" work. A heavy focus is placed on applied literacy, science and mathematics.

Course goals

- Career Exploration
- Academic Integration of literacy, science and mathematics
- Financial Literacy
- Prepared for an entry level automotive repair collision technician position or continued post-secondary education
- High achievement on industry based assessment (NOCTI & Precision Exam)

Units of Study

YEAR 1:

Career Opportunities and Ethics
Worker Protection
Tools and Equipment
Identifying Plastic Parts
Paint Mixing
Body Fillers
Metal Straightening
Repairs to Fiber-Reinforced Plastics Yr.2
Adhesively Bonded Panel
Spray Guns- setup and maintenance
Compressed Air
MIG Welding
Jacking and Lifting
Spray Environment
Vehicle Construction

YEAR 2:

Waterborne Refinishing
Steering and Suspension
Plastic Welding
VOC Rules and Regulations
Steering and Suspension
Customer Relations
MIG Welding
Glass
Electrical
Estimating
Brakes
Aluminum Welding
Plastic Welding
Career Opportunities and Ethics

Major Projects

- Two Year Portfolio -comprised of resume, cover letter, project pictures, writing samples, etc.
- First year panel-non-structural repair and refinishing of a damaged panel
- Second year live work on customer vehicles

Industry Based Assessments

- NOCTI & Precision Collision Repair and Refinishing– written and performance

Grading

CTE grades are divided into two main categories: knowledge and performance. Within the knowledge category there will be grades for knowledge activities and knowledge assessments. Knowledge activities are weighted as 20% of the overall CTE grade and knowledge assessments are 30% of the overall CTE Grade. Within the performance category, there will be grades for performance activities and performance assessments. Performance activities are weighted as 20% of the overall CTE grade; and performance assessments are 30% of the overall CTE Grade. As a result, both knowledge and performance are equally weighted at 50% each.

Attendance/Late policy

All assignments will be in the file holders on the front table according to first year and second year. At the beginning of the next week, the assignments are in the student file cabinet and it is the student's responsibility to retrieve and complete the missing assignment.

Knowledge Activities

Classwork falling under this category is expected to be completed and submitted on the day it is being worked on in class. If the work is NOT turned in at the end of class, the following will occur-

- One day late- 10% deduction
- Two days late- 20% deduction
- Three days late- No more than a 50%
- After three days- work is expected to be submitted but no grade will be earned

***Students who receive extended time will receive that time and necessary adjustments will be made to accommodate.*

Knowledge Assessments

Classwork falling under this category is expected to be completed and submitted on the day it is being worked on in class. If the work is NOT turned in at the end of class, the following will occur-

- One day late- 20% deduction
- After one day- 50% deduction

Students who are absent for a knowledge assessment are expected to make up the assessment one day after their return. For example, a student who misses a knowledge assessment on a Tuesday must make it up on that Thursday (with no penalty)

***Students who receive extended time will receive that time and necessary adjustments will be made to accommodate.*

SUBMITTING ASSIGNMENTS WHILE ABSENT

Excused Absences as recorded in School Tool

Students will be given **3 days** from date of return to make-up work (both knowledge and performance).

- Upon return to class, the student **MUST** get the missed work from the **MISSED WORK FOLDER/ AREA** and find a suitable time before, after or during class to ask the teacher for any details about the make-up work.
- If the work is not completed within 3 days, the grade **WILL** be recorded as a zero.
- Make up work that was provided to the student, but was not returned by the end of the quarter **WILL** be recorded as a zero.

Unexcused Absences as recorded in School Tool

Students will be given **3 days** from date of return to make-up work (both knowledge and performance). *However, due to school policy, full credit CANNOT be awarded for work done when a student has an unexcused absence.*

- Upon return to class, the student **MUST** get the missed work from the **MISSED WORK FOLDER/ AREA** and find a suitable time before, after or during class to ask the teacher for any details about the make-up work.
- Make up work that was provided to the student, but was not returned by the end of the quarter **WILL** be recorded as a zero.

Long Term Absences

Students on a long term absence will be forwarded to the student's tutor or district contact. This work will have clear directions, and deadlines for completion. It is expected that the work meets the deadlines for completion.

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