



CRT 2310

Division: Career and Technical Education

Department: Collision Repair and Refinishing Technology

Course: CRT 2310

Title: Collision Damage Reporting

Catalog Description:

This course teaches estimating procedures and the use of crash estimating guides. It covers labor and material costs, judgment of repairs, estimating, and insurance nomenclature. It includes computer generated damage reporting, page logic, and ethical problem solving. It uses lecture, guest speakers, practice exercises, demonstrations, and lab. It uses Inter-Industry Conference on Auto Collision Repair (I-CAR) curriculum. When successfully completed, students will be prepared for Automotive Service Excellence (ASE) certification.

General Education Requirements: N/A

Semesters Offered: TBA

Credit/Time Requirement: Credit: 4; Lecture: 1; Lab: 7

Clock/Hour Requirements: 128

Offered for Non-Credit: No

Prerequisites: CRT 1110

Corequisites: None

Justification:

The I-CAR curriculum is recognized as the leader in collision repair training. It also provides the necessary information to pass the ASE task lists and tests required for certification. This course was approved by the advisory committee and similar courses are taught at Utah Valley State College (CRT 2310) and Salt Lake Community College (ACR 1200).

Student Learning Outcomes:

Upon successful completion, students will be able to:

- use the crash estimating guide
- determine location of paint code
- determine parts and labor amounts
- determine mechanical damage
- determine overlap time
- determine material costs
- identify the vehicle correctly
- determine repair or replacement of parts needed

- define common introductory terms used in damage reporting
- complete a manual damage report
- complete a computer damage report.

Content:

Course objectives will be accomplished by providing students with learning experiences in the following subject areas:

- hazard management, insurance terms, vehicle parts, and nomenclature
- damage reporting terms and forms
- ethics case study
- purpose of damage reports
- vehicle identification number (VIN) purposes and locations
- determining total loss
- study of crash guides
- write sample damage reports
- judgment time
- mechanical evaluation
- frame and suspension evaluation
- paint time evaluation and estimating.

General Education Outcomes:

2) Write clearly, informatively, and persuasively.

Students will write damage reports in a clear and concise fashion with the purpose of informing the customer and insurance company of the damage incurred. These reports are reviewed for clarity and effectiveness before being returned to the students for improvement.

4) Retrieve, evaluate, interpret, and deliver information through a variety of traditional and electronic media.

Students will research the vehicle production information and cross reference this data with the "Crash Estimating Guides". This information is available in written form, electronic media, and through phone research. The information gathered will be presented to the customer and insurance company for estimating purposes.

6) Apply computational skills to a variety of contexts.

Students will be required to measure body components before and after repair work is completed to ensure that proper tolerances and allowances are achieved. These measurements are taken often and repeatedly throughout the repair process to ensure progress toward the repair. These measurements are provided by laser, tram, and steel tape in metric and U.S. standard measurements.

In class:

- Student progress will be evaluated on skill levels demonstrated in lab (70%), quiz scores (10%), and a final comprehensive exam (20%).

Following class:

- Upon completion of the course, safety and competency will be demonstrated in subsequent courses and on custom projects.
- Students will apply the techniques acquired on the job and pass national ASE certification tests.

Representative Text and/or Supplies:

- James E. Duffy, *I-CAR student textbooks and modules*, current editions, Delmar Publishers.

Optimum Class Size: 10

Maximum Class Size: 20

Signatures:

I hereby submit this course syllabus:

Andy Morgan, ,

I hereby find this course consistent with the goals and resources of the Collision Repair and Refinishing Technology Department:

Andy Morgan, , , Chair

I hereby find this course consistent with the goals and resources of the Career and Technical Education Division:

Michael P. Medley, MBA, Assistant Professor, Dean

I have discussed the need for library resources related to this class with the person submitting the syllabus:

Lynn Anderson, MLIS, Technical Services Librarian (Main Campus)

Michelle Olsen, MLS, Campus Librarian (Richfield Campus)