

Des Moines Area Community College

COURSE INFORMATION

Acronym/Number UPHL 433

Title AUTO UPHOLSTERY INSTALLATION

Credit breakout 3 0 6 0 0
(credit lecture lab practicum work experience)

PREREQUISITE(S):

AUTO 403, HLCR 314, WELD 468

COURSE DESCRIPTION:

Automobile upholstery and interior trim must be removed and replaced to facilitate access for auto collision repairers. Types of interior and exterior upholstery and trim, and their removal, repair and replacement will be studied in the lab. Also removal and replacement and adjustment of outer automobile panels, to include proper fit and wind noise and water leak testing.

COURSE COMPETENCIES:

During this course, the student will be expected to:

1. Remove seat covers, headliners, door panels, window shelf and carpet from automobile.
 - 1.1 Identify tools needed to remove above.
 - 1.2 Disconnect battery before removing headliners.
2. Remove covers from seat frames.
 - 2.1 Take "hogrings" out of covers.
 - 2.2 Remove seat bottoms, if applicable.
 - 2.3 Do not damage covers as removed.
3. Recover seat frames with original covers.
 - 3.1 Replace additional padding to seat bottoms (1" foam).
 - 3.2 Line up covers so they go back in the same position.
 - 3.3 Replace hogrings.
4. Remove vinyl/covering from top of automobile.
 - 4.1 Select appropriate tools.
 - 4.2 Remove mouldings from around windshield and back window.
 - 4.3 Rip vinyl off (usually in strips).

- 4.4 Remove (clean off) old glue.
 - 4.5 Spot paint any areas scratch in removing vinyl.
5. Reinstall (replace) new vinyl covering.
- 5.1 Label center of roof in front/back.
 - 5.2 Mask windows and other parts as needed.
 - 5.3 Label center on vinyl covering to line up with markings of center on roof.
 - 5.4 Spray adhesive on roof of auto and underside of vinyl covering using paint glue.
 - 5.5 Replace vinyl covering on roof of auto.
 - 5.6 Replace moldings.
6. Identify moving parts on convertible automobile.
- 6.1 Examine convertible top to find bolts/seams to adjusting the frame.
 - 6.2 Demonstrate how to remove convertible top frame from the auto body.
 - 6.3 Discover the location of convertible top motor/reservoir.
7. Explain information included in instructor handouts on slat belts, frames, carpentry, package tray, vinyl top, convertible top.

INSTRUCTIONAL MATERIALS:

Textbook(s): For each text used in this course, identify the minimum chapters to be covered in this course.

Automobile Upholsterer by Troy Notgrass

Study guide

Test and worksheets to be purchased with textbook.

Transparencies

Test banks

Computer hardware/software

Other (example: Laboratory equipment for biology/chemistry class)

Preparation

date: 8/5/93

by: Smart/Black

Campus: A B C U OC

extension: 6546

verified by: _____

Competencies are reviewed annually.