



AUTO 1051

Division: Career and Technical Education

Department: Automotive Technology

Course: AUTO 1051

Title: Basic Automotive Upholstery

Catalog Description:

This course will teach students the basic skills to repair or create a stock or custom interior in their automobile, truck, boat, motorcycle etc.

General Education Requirements: N/A

Semesters Offered: TBA

Credit/Time Requirement: Credit: 2; Lecture: 1; Lab: 3

Clock/Hour Requirements: 60

Offered for Non-Credit: No

Justification:

This course is designed to co-exist with our current Hot Rod and Performance class AUTO 1500, with the opportunity to create their own design or restore their vehicle interior to its original condition. The class will also provide them with the instruction, equipment, and facility to do so in a safe manner.

Student Learning Outcomes:

Upon completion of this course, students will be able to:

- Design and cut patterns for automotive interior
- Demonstrate proper and safe setup or operation of an industrial sewing machine
- Properly estimate quantities and cost of materials
- Follow ordering procedures
- Perform routine maintenance on industrial sewing equipment

Content:

Course objectives will be achieved by providing students with instructional and hands-on experiences in the following areas:

- Damage assessment of area to be repaired
- Pattern reproduction
- Custom pattern design
- Sewing techniques
- Color and material matching
- Seat frame, spring and foam repairs
- Proper use of industrial sewing machine to sew various thicknesses of materials
- Proper techniques for assembly and disassembly of interior components

Key Performance Indicators:**In Class:**

Complete in-class task list

Student knowledge and application will be monitored by the instructor to insure that students gain the skills and knowledge to complete the upholstery projects. One hundred percent of student grades will be derived from the satisfactory completion of their assigned tasklists and project(s).

Following class:

Students will be better prepared to repair and modify automotive interior components either for personal use or in their employment if they chose this field.

Representative Text and/or Supplies:

Instructor will provide required text and reading material. Students will need to supply a project and the necessary materials to complete it.

Optimum Class Size: 12

Maximum Class Size: 12

Signatures:

I hereby submit this course syllabus:

Brent Reese, BS, Associate Professor

I hereby find this course consistent with the goals and resources of the Automotive Technology Department:

Brent Reese, BS, Associate Professor, 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)