

AUTOMOTIVE BODY TECHNOLOGY

AUB-50

Introduction to Automotive Collision Repair

4.00 units*Prerequisite: None.*

Description: Automotive collision damage repair theory and practical application with emphasis on the proper use of hand and power tools, spray equipment, refinishing materials, surface preparation, and shop safety awareness and practice. 36 hours lecture and 108 hours laboratory.(Letter grade only.)

AUB-51

Automotive Non-Structural Collision Repair and Estimating

4.00 units*Prerequisite: None.**Advisory: AUB-50.*

Description: Designed to teach students basic skills and processes to repair non-structural components of automotive bodies, as well as an introduction to writing estimates for the cost of labor and materials associated with the collision repair. 36 hours lecture and 108 hours laboratory. (Letter grade only.)

AUB-52

Automotive Refinishing and Paint

4.00 units*Prerequisite: None.**Advisory: AUB-50.*

Description: Theory and practice in automotive refinishing with emphasis on paint preparation, partial and complete vehicle painting, single and multiple stage paint application, color-sand and buffing. 36 hours lecture and 108 hours laboratory. (Letter grade only)

AUB-53

Automotive Collision Repair Special Projects

4.00 units*Prerequisite: None.**Corequisite: AUB-50.*

Description: A special projects class for students who need in-depth experience in a particular auto body discipline. Course provides students with an opportunity for additional skill and competency development within the subject matter. 36 hours lecture and 108 hours laboratory.(Letter grade only)

AUB-54

Automotive Structural Collision Repair and Frame

4.00 units*Prerequisite: None.**Corequisite: AUB-50.*

Description: Theory and application of techniques associated with the repair of severe collision damage by measuring and straightening the various types of frame structures of modern vehicles. 36 hours lecture and 108 hours laboratory.(Letter grade only.)

AUB-55

Automotive Advanced Refinishing and Custom Paint

4.00 units*Prerequisite: None**Corequisite: AUB-52.*

Description: Designed for students who have prior knowledge of automobile refinishing techniques. Course includes advanced refinishing techniques, procedures, and materials including multicolored schemes, air brush, pinstripes, candy and translucent finishes. 36 hours lecture and 108 hours laboratory.(Letter grade only.)

AUB-56

Automotive Technology for the Automotive Collision Specialist

4.00 units*Prerequisite: AUB-50 or AUT-50.*

Description: Designed to give the automotive collision repair technician basic knowledge of mechanical principles needed to properly complete all repairs after collision damage. Areas of emphasis consist of, but not limited to, electricity, brakes, suspension and steering, and air conditioning. 45 hours lecture and 81 hours laboratory.(Letter grade only.)

AUB-57**Antique and Classic Auto Restoration and Fabrication****4.00 units***Prerequisite: None.**Corequisite: AUB-50.*

Description: Processes and techniques for the restoration and fabrication of the exterior body of antique, classic and custom vehicles. Includes the theory and practice of metal shaping techniques, metal forming, metal shrinking and stretching, planishing as well as the design and utilization of paper patterns, molds, and bucks. 36 hours lecture and 108 hours laboratory. (Letter grade only)

AUB-59A**Automotive Collision Service and Repair****2.00 units***Prerequisite: AUB-50.*

Description: Principles of service and repair procedures relating to an automotive collision repair program with emphasis on structural and non-structural collision repair laboratory experience. 108 hours laboratory.(Letter grade only.)

AUB-60**Automotive Trim and Upholstery I****4.00 units***Prerequisite: None.**Advisory: AUB-50.*

Description: Designed to be an adjunct to the Automotive Body Technology program, to provide the student with an introduction to automotive trim and upholstery. Course includes adequate safety procedures, use of tools, basic sewing (machine and hand stitching), pattern layout, work bench seat tear down and procedure of upholstery. Introduction to door trimming, side panels and headlining repair and installation. 36 hours lecture and 108 hours laboratory. (Letter grade only.)

AUB-61**Automotive Trim and Upholstery II****4.00 units***Prerequisite: AUB-60.*

Description: Designed to supplement the Automotive Body Technology program, and will provide the student with a concentrated training block to perfect basic techniques of Automotive Trim and Upholstery I. This will include pattern design and layout of seat upholstery, door paneling and door trimming, layout, cutting, trimming and design if required, for headliners made of various materials. 36 hours lecture and 108 hours laboratory. (Letter grade only)

AUB-200**Autobody Work Experience****1.00 - 4.00 units***Prerequisite: None.**Advisory: Students should have paid or voluntary employment.*

Description: Work Experience is designed to coordinate the student's on-the-job training with workplace skills designed to assist the student in developing successful professional skills. Each student will establish measurable learning objectives appropriate for their job and discipline. Students may earn up to four (4) units each semester, for a maximum of 16 units of work experience total. 60 hours of volunteer work or 75 hours of paid work during the semester are required for each unit. No more than 20 hours per week, out of the 60 or 75 requirement, may be applied toward the work requirement. The course consists of an 18 hours of orientation/professional skills development and 60 hours of volunteer work experience per unit with a maximum of 240 for four units per semester OR 75 hours of paid work experience per unit, with a maximum of 300 for four units per semester.(Letter grade or Pass/No Pass option)