

Auto Body

AB 117 Print Reading and Interpretation

3.0 units

Acceptable for credit: Transfer CSU

An introductory class where students will learn to read engineering drawings, evaluate print specifications, recognize orthographic views and visualize the actual objects or projects shown in the illustration. This course is not open to students who are enrolled in or have received credit for AB 330, AT 330, ET 330, MT 330, or AT/ET/MT 117. (Letter Grade or Pass/No Pass)

AB 300 Shop Math and Measurement

3.0 units

Acceptable for credit: D - Credit - Degree Applicable

An introduction to the mathematics used in the Industrial Technology programs. Students will learn to solve problems using fractions, decimals, percentage, ratios and basic geometric shapes. Students will learn about the Cartesian coordinate system and how to use a variety of basic and precision measuring tools from rulers and tape measures to calipers and micrometers. This course is not open to students who have received credit for AT/ET/MT or WLDT 381 or AT/ET/MT/WLDT 300. (Fall, Spring) (Letter Grade or Pass/No Pass)

AB 351 Auto Body - Metal

3.0 units

Acceptable for credit: D - Credit - Degree Applicable

This course is designed to give students a basic knowledge of auto body metal repair, which includes metal finishing and plastic filler application. (Fall, Spring) (Letter Grade or Pass/No Pass)

AB 353 Auto Body Repair

3.0 units

Acceptable for credit: D - Credit - Degree Applicable

Prerequisite: AB 351 - Auto Body - Metal

This course is designed to increase student's skill and knowledge in the areas of frame; measurement, straightening, and alignment. Course work also includes panel service, and structural panel replacement. (Spring) (Letter Grade or Pass/No Pass)

AB 354 Selected Auto Body Paint Projects

1.0 unit

Acceptable for credit: D - Credit - Degree Applicable

Prerequisite: AB 356 - Automotive Painting Techniques

Projects selected by the student and developed under the direct supervision and of instructional staff in the auto collision disciplines. Work is completed under the supervision of the responsible instructor in the auto body lab. The student must have the basic knowledge of painting techniques to complete the project. (Fall, Spring) (Letter Grade or Pass/No Pass)

AB 355 Selected Auto Body Metal Projects

1.0 unit

Acceptable for credit: D - Credit - Degree Applicable

Prerequisite: AB 351 - Auto Body - Metal

Projects selected by the student and developed under the direct supervision of instructional staff in the auto collision disciplines.

Work is completed under the supervision of the responsible instructor in the auto body lab. The student must have the basic knowledge of painting techniques to complete the project. (Fall, Spring) (Letter Grade or Pass/No Pass)

AB 356 Automotive Painting Techniques

3.0 units

Acceptable for credit: D - Credit - Degree Applicable

This course is designed to increase student's skill and knowledge in the areas of automotive painting techniques. Course work includes preparation of vehicle, types of equipment, characteristics of paints, and techniques of paint application. (Fall, Spring) (Letter Grade or Pass/No Pass)

AB 358 Automotive Refinishing

3.0 units

Acceptable for credit: D - Credit - Degree Applicable

Prerequisite: AB 356 - Automotive Painting Techniques

This course is designed to increase student's skill and knowledge in the application of preparing, masking, painting, and detailing techniques. Course work also includes restoring corrosion protection, plastic bumper repair, and custom air brush graphics. (Spring) (Letter Grade or Pass/No Pass)

AB 360 Collision Repair

5.0 units

Acceptable for credit: D - Credit - Degree Applicable

Prerequisite: AB 353 - Auto Body Repair

This course is designed to increase student's skill and knowledge in the areas of major collision repair, including vehicle construction, estimating, MIG welding, door, roof, glass, chassis, and electrical service. Students will also develop their abilities to achieve commercially acceptable speed and quality levels in auto collision repair. (Fall) (Letter Grade or Pass/No Pass)

AB 370 SkillsUSA

3.0 units

Acceptable for credit: D - Credit - Degree Applicable

Repeatable: 3.00

SkillsUSA is a partnership of students, teachers and industry working together to ensure America has a skilled workforce. This SkillsUSA course prepares students for employment and inter-collegiate competition in Career Technical Education. Students will learn to plan projects, work in teams, solicit community support and develop a range of skills valued by employers. Students registered for this class may not register for ARCH 370, AT 370, EL 370, ET 370, MT 370 or WLDT 370 during the same semester. Participation in the SkillsUSA competition is required. This course may be repeated up to three times for credit with different competitions. (Fall, Spring) (Letter Grade or Pass/No Pass)

AB 389 Independent Projects

1.0 - 3.0 units

Acceptable for credit: D - Credit - Degree Applicable

Prerequisite: AT 100 - Automotive Fundamentals

Acceptable for credit: CSU, UC-Determined after admission Courses for students capable of independent work who demonstrate the need or desire for additional study beyond the regular curriculum. Enrollment allows students to pursue activities

such as directed field experience, research, or development of skills and competencies under faculty advisement and supervision. Independent projects may be earned in most disciplines. Students wishing to enroll in Independent Projects should contact the appropriate instructor identified in the class schedule. If the project proposed is acceptable to that instructor, a contract will be developed. All contracts for these classes must be completed and submitted to the Records Office no later than the end of the second week of the semester. Students may enroll for any combination (unit value) of Independent Projects 189 and/or 389 for a total of four semesters in a specific discipline. Units are awarded depending upon satisfactory performance and the amount of time committed by the student to the course. Allowable units vary according to discipline, and are based on the following formula: 1 unit - 48 hours per semester 2 units - 96 hours per semester 3 units - 144 hours per semester (Letter Grade or Pass/No Pass)