

# AUTOMOTIVE BODY AND FENDER REPAIR

The Automotive Body, Painting, and Fender Repair program at Oxnard College prepares students to enter the industry as entry-level technicians and provides continuous skills improvement training for employed technicians in the field. Students can complete a Certificate of Achievement and an Associate of Science Degree if the necessary general education requirements are completed. The program emphasizes hands-on training in body, fender, collision repair, painting, and automotive graphics so that students have the skills necessary to gain employment in the industry.

## Credit Courses

### AB R001 Introduction to Automotive Body and Fender Repair 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

This course covers the fundamentals of auto body repair including metal inert gas (MIG) welding, oxy-acetylene welding, metal finishing, use of body fillers, sanding, masking, and priming.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R002 Intermediate Auto Body and Fender Repair 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* AB R001

This course teaches students advanced auto body repair techniques using various materials such as steel, aluminum and plastics. Students are also taught special priming methods.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R003 Introduction to Estimating Auto Body Damage 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* AB R002

This course is designed to prepare students with the necessary skills in writing estimates or accident reports for non-structural refinishing and repair of automobile damage.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R004 Advanced Auto Body Collision and Damage Repair 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* AB R003

This is an advanced course in the techniques of repairing heavy damage to the automobile body and chassis; emphasis will be on automobile frame straightening, structure damage repairs, and advanced welding. The student's auto body projects will be in the scope of complete automotive wrecks.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R005A Auto Body Painting and Refinishing I 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This course is designed to prepare students for entry-level positions in the automotive refinishing industry by providing training in painting fundamentals. Topics to be covered include a history of the industry, shop safety, shop equipment and layout, required tools and materials, and surface preparation techniques.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R005B Auto Body Painting and Refinishing II 4 Units

*In-Class Hours:* 35 lecture, 105 laboratory

*Prerequisites:* AB R005A

This course continues training in automotive painting and refinishing. Topics to be covered include application of undercoats and topcoats, spot repair procedures, paint job procedures, paint problems, and procedures for securing employment in the field.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

### AB R007A Automotive Graphics 2 Units

*In-Class Hours:* 17.5 lecture, 52.5 laboratory

This is an introductory course that gives a comprehensive overview of automotive graphics including preparation and layout of pinstriping, touch-up, lettering, and murals. This course also includes graphics for commercial trucks and boats.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Field Trips:** May be required

**Degree Applicability:** Applies to Associate Degree

**AA/AS GE:** None

**Transfer Credit:** None

**AB R007B Advanced Automotive Graphics 2 Units***In-Class Hours:* 17.5 lecture, 52.5 laboratory*Prerequisites:* AB R007A

This course provides instruction in advanced level automotive graphics design including color selection, paint mixing, customized murals, advanced commercial lettering applications, advanced outlines and shadowing, advanced pinstriping, and customized quills.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Field Trips:** May be required**Degree Applicability:** Applies to Associate Degree**AA/AS GE:** None**Transfer Credit:** None

## Noncredit Courses

**AB R801 Introduction to Automotive Body and Fender Repair 0 Units**

This course covers the fundamentals of auto body repair including metal inert gas (MIG) welding, oxy-acetylene welding, metal finishing, use of body fillers, sanding, masking, and priming.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**AB R802 Intermediate Auto Body and Fender Repair 0 Units***Prerequisites:* AB R801 or AB R001

This course teaches students advanced auto body repair techniques using various materials such as steel, aluminum and plastics. Students are also taught special priming methods.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**AB R803 Introduction to Estimating Auto Body Damage 0 Units***Prerequisites:* AB R802 or AB R002

This course is designed to prepare students with the necessary skills in writing estimates or accident reports for non-structural refinishing and repair of automobile damage.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**AB R804 Advanced Auto Body Collision and Damage Repair 0 Units***Prerequisites:* AB R803 or AB R003

This is an advanced course in the techniques of repairing heavy damage to the automobile body and chassis; emphasis will be on automobile frame straightening, structure damage repairs, and advanced welding. The student's auto body projects will be in the scope of complete automotive wrecks.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**AB R805A Auto Body Painting and Refinishing I 0 Units**

This course is designed to prepare students for entry-level positions in the automotive refinishing industry by providing training in painting fundamentals. Topics to be covered include a history of the industry, shop safety, shop equipment and layout, required tools and materials, and surface preparation techniques.

**Grade Modes:** Letter Graded, Credit by exam, license etc., Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**AB R805B Auto Body Painting and Refinishing II 0 Units***Prerequisites:* AB R805A or AB R005A

This course continues training in automotive painting and refinishing. Topics to be covered include application of undercoats and topcoats, spot repair procedures, paint job procedures, paint problems, and procedures for securing employment in the field.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None**AB R807A Automotive Graphics 0 Units**

This is an introductory course that gives a comprehensive overview of automotive graphics including preparation and layout of pinstriping, touch-up, lettering, and murals. This course also includes graphics for commercial trucks and boats.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading**Repeatable for Credit:** Unlimited.**Field Trips:** May be required**Degree Applicability:** Noncredit course; not applicable for degree credit**AA/AS GE:** None**Transfer Credit:** None

**AB R807B Advanced Automotive Graphics 0 Units**

*Prerequisites:* AB R807A or AB R007A

This course provides instruction in advanced level automotive graphics design including color selection, paint mixing, customized murals, advanced commercial lettering applications, advanced outlines and shadowing, advanced pinstriping, and customized quills.

**Grade Modes:** Letter Graded, Student Option- Letter/Credit, Pass/No Pass Grading

**Repeatable for Credit:** Unlimited.

**Field Trips:** May be required

**Degree Applicability:** Noncredit course; not applicable for degree credit

**AA/AS GE:** None

**Transfer Credit:** None

- Automotive Body and Fender Repair, Associate in Science (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/automotive-body-fender-repair-as/>)
- Automotive Body and Fender Repair, Certificate of Achievement (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/automotive-body-fender-repair-coa/>)
- Auto Body Painting and Refinishing, Certificate of Completion Noncredit (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/auto-body-painting-refinishing-cocn-noncredit/>)
- Automotive Body and Fender Repair, Certificate of Completion Noncredit (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/automotive-body-and-fender-repair-cocn-noncredit/>)
- Automotive Graphics, Certificate of Completion Noncredit (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/automotive-graphics-cocn-noncredit/>)
- Auto Body Painting and Refinishing, Proficiency Award (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/auto-body-painting-refinishing-pa/>)
- Auto Body/Collision Repair, Proficiency Award (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/auto-bodycollision-repair-pa/>)
- Automotive Graphics, Proficiency Award (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/automotive-graphics-pa/>)
- Estimating Auto Body Damage & Advanced Repair, Proficiency Award (<http://catalog.vcccd.edu/oxnard/programs-courses/automotive-body-fender-repair/estimating-auto-body-damage-advanced-repair-pa/>)

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