

# AB R007A: AUTOMOTIVE GRAPHICS

**Originator**

ptrujillo

**Co-Contributor(s)**
**Name(s)**

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**College**

Oxnard College

**Discipline (CB01A)**

AB - Automotive Body Repair&amp;Paint

**Course Number (CB01B)**

R007A

**Course Title (CB02)**

Automotive Graphics

**Banner/Short Title**

Automotive Graphics

**Credit Type**

Credit

**Start Term**

Fall 2021

**Catalog Course Description**

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.

**Taxonomy of Programs (TOP) Code (CB03)**

0949.00 - \*Automotive Collision Repair

**Course Credit Status (CB04)**

D (Credit - Degree Applicable)

**Course Transfer Status (CB05) (select one only)**

C (Not transferable)

**Course Basic Skills Status (CB08)**

N - The Course is Not a Basic Skills Course

**SAM Priority Code (CB09)**

C - Clearly Occupational

**Course Cooperative Work Experience Education Status (CB10)**

N - Is Not Part of a Cooperative Work Experience Education Program

**Course Classification Status (CB11)**

Y - Credit Course

**Educational Assistance Class Instruction (Approved Special Class) (CB13)**

N - The Course is Not an Approved Special Class

**Course Prior to Transfer Level (CB21)**

Y - Not Applicable

**Course Noncredit Category (CB22)**

Y - Credit Course

**Funding Agency Category (CB23)**

Y - Not Applicable (Funding Not Used)

**Course Program Status (CB24)**

1 - Program Applicable

**General Education Status (CB25)**

Y - Not Applicable

**Support Course Status (CB26)**

N - Course is not a support course

**Field trips**

May be required

**Grading method**

Letter Graded

**Alternate grading methods**

Student Option- Letter/Pass  
Pass/No Pass Grading

**Does this course require an instructional materials fee?**

No

**Repeatable for Credit**

No

**Is this course part of a family?**

No

**Units and Hours**

**Carnegie Unit Override**

No

**In-Class**

**Lecture**

**Minimum Contact/In-Class Lecture Hours**

17.5

**Maximum Contact/In-Class Lecture Hours**

17.5

**Activity**

**Laboratory**

**Minimum Contact/In-Class Laboratory Hours**

52.5

**Maximum Contact/In-Class Laboratory Hours**

52.5

**Total in-Class**

**Total in-Class**

**Total Minimum Contact/In-Class Hours**

70

**Total Maximum Contact/In-Class Hours**

70

**Outside-of-Class**

**Internship/Cooperative Work Experience**

**Paid**

**Unpaid**

**Total Outside-of-Class**

**Total Outside-of-Class**

**Minimum Outside-of-Class Hours**

35

**Maximum Outside-of-Class Hours**

35

**Total Student Learning**

**Total Student Learning**

**Total Minimum Student Learning Hours**

105

**Total Maximum Student Learning Hours**

105

**Minimum Units (CB07)**

2

**Maximum Units (CB06)**

2

**Student Learning Outcomes (CSLOs)**

**Upon satisfactory completion of the course, students will be able to:**

- |   |   |
|---|---|
| 1 | Students will implement proper safety techniques while in the lab area including mixing paint, properly cleaning the brushes and storing paint and chemicals. |
| 2 | Students will demonstrate the ability to do basic pin-striping outlines on a vehicle.   |
| 3 | Students will apply basic pin-striping brush techniques on a panel.   |

**Course Objectives**

**Upon satisfactory completion of the course, students will be able to:**

- |   |   |
|---|---|
| 1 | Identify and implement safety measures prior to painting.           |
| 2 | Prepare a vehicle for auto graphics.                                |
| 3 | Layout design for pin-striping and graphics.                        |
| 4 | Paint and pin-stripe auto graphics up to industry standards.        |
| 5 | Perform preventive maintenance and touch-up common to the industry. |

## Course Content

### Lecture/Course Content

1. Paint Shop Safety
  - a. Eye protection
  - b. Flammable fire prevention
  - c. Ventilation of work area
  - d. Clean workstations
2. Vehicle Preparation
  - a. Using cleaning solvents
  - b. Masking vehicles
  - c. Sealers
3. Project Layout
  - a. Design
  - b. Color selection
  - c. Custom murals / Art work lay out process
  - d. Scroll style/Dagger style
  - e. Straight line style
4. Brush Applications
  - a. Striping
  - b. Outlines
  - c. Maintenance / Storage of brushes
  - d. Introduction to Air brushes
5. Paints
  - a. One shot enamels
  - b. Lacquers
  - c. Urethane
  - d. Mixing thinners
6. Paint Application
  - a. Pin striping / Quill / Flats / Lusio
  - b. Splatter striping
  - c. Sponge striping
  - d. Dry brush striping
  - e. Air brush techniques
7. Estimating
  - a. Touch-up striping
  - b. Complete pin striping
  - c. Commercial lettering / Layout design
  - d. Scroll style and graphics

### Laboratory or Activity Content

1. Paint Shop Safety
  - a. Eye protection
  - b. Flammable fire prevention
  - c. Ventilation of work area
  - d. Clean workstations
2. Vehicle Preparation
  - a. Using cleaning solvents
  - b. Masking vehicles
  - c. Sealers
3. Project Layout
  - a. Design
  - b. Color selection
  - c. Custom murals / Art work lay out process
  - d. Scroll style / Dagger style
  - e. Straight line style
4. Brush Applications
  - a. Striping
  - b. Outlines

- c. Maintenance / Storage of brushes
- d. Introduction to Air brushes
- 5. Paints
  - a. One shot enamels
  - b. Lacquers
  - c. Urethane
  - d. Mixing thinners
- 6. Paint Application
  - a. Pin striping / Quill / Flats / Lusio
  - b. Splatter striping
  - c. Sponge striping
  - d. Dry brush striping
  - e. Air brush techniques
- 7. Estimating
  - a. Touch-up striping
  - b. Complete pin striping
  - c. Commercial lettering / Layout design
  - d. Scroll style and graphics

## Methods of Evaluation

Which of these methods will students use to demonstrate proficiency in the subject matter of this course? (Check all that apply):

Problem solving exercises  
Skills demonstrations

Methods of Evaluation may include, but are not limited to, the following typical classroom assessment techniques/required assignments (check as many as are deemed appropriate):

Laboratory activities  
Objective exams  
Other (specify)  
Projects  
Problem-Solving Assignments  
Quizzes  
Skills demonstrations  
Skill tests or practical examinations

### Other

Written Assignments

## Instructional Methodology

Specify the methods of instruction that may be employed in this course

Audio-visual presentations  
Class activities  
Distance Education  
Demonstrations  
Instructor-guided interpretation and analysis  
Laboratory activities  
Lecture  
Other (specify)

Specify other method of instruction

In-class reading

Describe specific examples of the methods the instructor will use:

1. Lecture on safety guidelines in the auto body lab area, project layout, paint selection, paint application, and commercial estimate techniques.
2. Shop assignments implementing safety measures, paint mixing, paint application techniques, and touch-ups on completed jobs.
3. The use of visual media demonstrating pin striping, paint application, and lettering.
4. Computer programs to design automotive graphics that will later be applied to cars.

5. In-class reading of automotive graphics journals and magazines such as AutoArt Magazine and Pinstriping and Custom Graphics Journal that demonstrate the latest pin-stripping and auto graphics techniques.

## Representative Course Assignments

### Writing Assignments

1. Students will be required to take test and answer the review questions at the end of each assigned textbook chapter.
2. Students will be required to summarize articles from the professional journals and magazines.
3. Students will be required to do online work in canvas.

### Critical Thinking Assignments

1. Identify and implement safety measures prior to painting
2. Prepare a vehicle for auto graphics
3. Layout design for pin-stripping and graphics
4. Paint and pin-stripe auto graphics up to industry standards

### Reading Assignments

1. Students will be required to do outside reading of the course textbook, professional journals, and magazines in automotive graphics such as AutoArt Magazine and Pinstriping and Custom Graphics Journal.

### Skills Demonstrations

1. Paint and pin-stripe auto graphics up to industry standards
2. Perform preventive maintenance and touch-up common to the industry
3. Prepare estimates for auto graphics applications

### Other assignments (if applicable)

1. Students may be assigned visual media assignments online in automotive graphics.

## Outside Assignments

### Representative Outside Assignments

1. Students will be required to take test and answer the review questions at the end of each assigned textbook chapter.
2. Students will be required to summarize articles from the professional journals and magazines.
3. Students will be required to do online work in canvas.
4. Students will be required to visit websites and complete worksheets, an example would be to visit the <https://www.SP2.org> Autobodyshopsafety website and complete the Test on Body Shop Safety.

**District General Education**

- A. Natural Sciences**
- B. Social and Behavioral Sciences**
- C. Humanities**
- D. Language and Rationality**
- E. Health and Physical Education/Kinesiology**
- F. Ethnic Studies/Gender Studies**

**CSU GE-Breadth**

- Area A: English Language Communication and Critical Thinking**
- Area B: Scientific Inquiry and Quantitative Reasoning**
- Area C: Arts and Humanities**
- Area D: Social Sciences**
- Area E: Lifelong Learning and Self-Development**
- Area F: Ethnic Studies**

**CSU Graduation Requirement in U.S. History, Constitution and American Ideals:**

**IGETC**

- Area 1: English Communication**
- Area 2A: Mathematical Concepts & Quantitative Reasoning**
- Area 3: Arts and Humanities**
- Area 4: Social and Behavioral Sciences**
- Area 5: Physical and Biological Sciences**
- Area 6: Languages Other than English (LOTE)**

**Textbooks and Lab Manuals**

**Resource Type**

Textbook

**Description**

Martinez, H. (2007). *Herb Martinez's Guide to Pinstriping*. (Latest edition) Krause Publishing. This textbook is a classic book and is the best suitable for the course. It is the latest edition.

**Resource Type**

Other Instructional Materials

**Description**

Instructional materials and tools including paint, brushes, pin-striping material, and safety equipment.

## Distance Education Addendum

### Definitions

#### Distance Education Modalities

Hybrid (1%–50% online)

### Faculty Certifications

Faculty assigned to teach Hybrid or Fully Online sections of this course will receive training in how to satisfy the Federal and state regulations governing regular effective/substantive contact for distance education. The training will include common elements in the district-supported learning management system (LMS), online teaching methods, regular effective/substantive contact, and best practices.

Yes

Faculty assigned to teach Hybrid or Fully Online sections of this course will meet with the EAC Alternate Media Specialist to ensure that the course content meets the required Federal and state accessibility standards for access by students with disabilities. Common areas for discussion include accessibility of PDF files, images, captioning of videos, Power Point presentations, math and scientific notation, and ensuring the use of style mark-up in Word documents.

Yes

### Regular Effective/Substantive Contact

#### Hybrid (1%–50% online) Modality:

Method of Instruction	Document typical activities or assignments for each method of instruction
Other DE (e.g., recorded lectures)	Faculty may use a variety of tools and media along with the learning management system to insure ADA compliance. Not limited to but inclusive of a broad range of options online and on campus, such as library resources, websites and multimedia suppliers.
Synchronous Dialog (e.g., online chat)	Students may be notified of special instances of synchronous contact through online means.
Asynchronous Dialog (e.g., discussion board)	Regular use of asynchronous discussion boards will be used for online activities. Questions and topics will be posted for meaningful discussion between faculty and required between students.
Face to Face (by student request; cannot be required)	Students will have hands on face to face contact with projects and skill instruction on campus and instructor lead. Many skills developed through this course can not be performed online. Welding, metal grinding, metal preparation, sanding, painting and many hands on activities must be observed and demonstrated by instructor.
Video Conferencing	Recordings of proper techniques and processes will be available. Real time video available scheduled and unscheduled.

### Examinations

#### Hybrid (1%–50% online) Modality

Online  
On campus

#### Primary Minimum Qualification

AUTO BODY TECHNOLOGY

## Review and Approval Dates

#### Department Chair

09/16/2020

#### Dean

09/16/2020



**Technical Review**

10/28/2020

**Curriculum Committee**

10/28/2020

**DTRW-I**

MM/DD/YYYY

**Curriculum Committee**

12/09/2020

**Board**

MM/DD/YYYY

**CCCCO**

MM/DD/YYYY

**Control Number**

CCC000295052

**DOE/accreditation approval date**

MM/DD/YYYY