# 11/14/2022

# brcc keystone logo

Baton Rouge Community College

*Academic Affairs Master Syllabus*

Date Approved: 1 December 2022

Term and Year of Implementation: Fall 2023

**Course Title:** Paint and Refinish

**BRCC Course Rubric:** CLRP 1224

**Previous Course Rubric**: CLRP 2204

**Lecture Hours per week-lab hours per week-credit hours**: 3-2-4

**Per semester: Lecture Hours-Lab Hours-Instructional Contact Hours**: 45-30-75

**Louisiana Common Course Number:**

**CIP Code:** 47.0603

**Course Description:** Covers color maps, electronic paint formulation systems, and techniques to make sprayout panels for color evaluation and tri-coat finishes. Other techniques include final sanding, masking, color mixing and tinting, spray booth operations, and applying primers, sealers, and clearcoats. This course requires a lab fee.

**Prerequisites:**  CLRP 1105 and CLRP 1114

**Co-requisites:** CLRP 1218 and CLRP 1152

**Suggested Enrollment Cap:** 20

**Learning Outcomes.** *Upon successful completion of this course, the students will be able to:*

1. Perform surface preparation.

2. Demonstrate paint mixing, matching, and applying.

3. Identify finish defects, causes, and cures.

**Assessment Measures.** Assessment of all learning outcomes will be measured using the following methods:

1. Practical demonstration and skills performances

2. Homework assignments, quizzes, and tests

**Information to be included on the Instructor’s Course Syllabi:**

* ***Disability Statement*:** Baton Rouge Community College seeks to meet the needs of its students in many ways. See the Office of Disability Services to receive suggestions for disability statements that should be included in each syllabus.
* ***Grading:*** The College grading policy should be included in the course syllabus. Any special practices should also go here. This should include the instructor’s and/or the department’s policy for make-up work. For example in a speech course, “Speeches not given on due date will receive no grade higher than a sixty” or “Make-up work will not be accepted after the last day of class”.
* ***Attendance Policy*:** Include the overall attendance policy of the college. Instructors may want to add additional information in individual syllabi to meet the needs of their courses.
* ***General Policies*:** Instructors’ policy on the use of things such as beepers and cell phones and/or hand held programmable calculators should be covered in this section.
* ***Cheating and Plagiarism*:** This must be included in all syllabi and should include the penalties for incidents in a given class. Students should have a clear idea of what constitutes cheating in a given course.
* ***Safety Concerns:*** In some courses, this may be a major issue. For example, “No student will be allowed in the lab without safety glasses”. General statements such as, “Items that may be harmful to one’s self or others should not be brought to class”.
* ***Library/ Learning Resources:*** Since the development of the total person is part of our mission, assignments in the library and/or the Learning Resources Center should be included to assist students in enhancing skills and in using resources. Students should be encouraged to use the library for reading enjoyment as part of lifelong learning.

**Expanded Course Outline:**

I. Perception of Color

A. Definition of color

B. Composition of light

C. How light affects color

D. Natural sunlight

F. Color vision deficiency

II. Metallics and Pearls

A. Metallic flakes

B. Metallic effect

C. Metallic effect panel

D. Pearl effect

E. Tri-Coat finish

F. Tri-Coat effect panel

G. Special effect tri-coat finishes

III. Color Evaluation

A. Vehicle color

B. Paint code label location

C. Color comparison light sources

D. 3M sun gun techniques - face/flip color viewing

E. Gloss

F. Evaluate matte finishes

IV. Evaluating

A. Munsell color theory

B. Value panel

C. Value chart

D. Hue main and secondary colors

E. Chroma panel

F. Flop

G. Metallic flop

H. Flop panel

I. Pearl flop

V. Color Matching Tools

A. Color variance programs

B. Color variance deck

C. Color maps

D. Electronic paint formulation systems

F. Intermix system

G. Measuring toners

H. Manual mixing toners

VI. Making Sprayout Panels for Color Evaluation

A. Colored undercoats

B. Colored undercoats effect panel

C. Sprayout panels

D. Color effect panel

E. Sprayout panels for tri-coat finishes

F. Let-down panel

VII. Tinting Refinish Colors

A. When to tint

B. Tinting

C. Tinting equipment

D. Toner movement Panel

E. Color wheel location guide

VIII. Color Plotting

A. Color plotting chart

B. Toner strengths

C. Plotting flop

D. Hue and Chroma effects

E. Toner effects on metallic panels