

COLOR THEORY, MIXING TONERS, AND TINTING

REF09

Understanding the nature of color theory and the considerations that affect color are essential in achieving a blendable match. This course will provide knowledge on how to evaluate color, as well as discuss if and when tinting should be done. Students will benefit from several interactive classroom activities where they can apply and reinforce knowledge learned in the course.

The content found in this course can improve application and problem-solving skills, which can also increase productivity through improved customer satisfaction, better cycle times and reduced rework.

Course Content

Module 1 – Perception of Color

The course opens with a description of basic concepts of color theory and how different lighting affects color perception. Color vision deficiency, as well as information on metallic, pearl and tri-coat effects are all discussed.

Module 2 – Color Evaluation

As the student moves through the course, he/she will learn about sun gun techniques. Matte finishes, color matching tools and color variance decks are discussed and reinforced during group activities. Students will also learn about color maps, electronic paint formulation systems and techniques to make sprayout panels for color evaluation and tri-coat finishes. As the second module continues, students will learn how to evaluate color based on value, hue and chroma. The second module concludes with an activity on value and color movement, and a discussion on metallic and pearl flop.

Module 3 – Tinting

This final module will discuss tinting, what tinting is, and if and when tinting is necessary. A series of color plotting activities will aide the students in understanding how to plot the refinish color to achieve a blendable match to the vehicle color.

Recommendations

Other courses that may be helpful include:

- Refinishing Equipment (REF01/e)
- Surface Preparation and Masking (REF02/e)
- Refinish Material Application and Blending (REF08e)

Registration

To register for Color Theory, Mixing Toners, and Tinting (REF09), visit the I-CAR website at www.i-car.com or contact I-CAR Customer Care at 800-422-7872.

Course Highlights

Credit Hours: 3

Estimated Duration: 4 hours

Format: Classroom instruction with written test

Meets I-CAR ProLevel® or annual training requirements for the following roles:



REFINISH TECHNICIAN



ESTIMATOR



AUTO PHYSICAL DAMAGE APPRAISER

After completing this course, you will be able to:

- Identify how tri-coat finish affects color.
- Understand how metallics and pearls affect colors.
- Recognize how a refinish color formula is chosen.
- Explain how to mix toners to make the basecoat.
- Describe how to evaluate a sprayout panel to the vehicle.
- Distinguish items and practices used for tinting.
- Describe how to tint using color plotting.



I-CAR Training Support Center
5125 Trillium Blvd.
Hoffman Estates, IL 60192
Phone: 800-422-7872
Fax: 800-590-1215
www.i-car.com

