Department:

Auto Collision Repair

Course Description:

This course is the third in a four-course sequence covering all aspects of painting and refinishing auto body surfaces. This more advanced course will focus on application procedures and techniques for auto body painting.

Course Competencies:

Upon completion of the course, the student should be able to:

1. Use shop safety equipment according to protocol
2. Demonstrate proper substrate preparation for refinishing
3. Select appropriate types of undercoating
4. Use cleaning procedures necessary for refinishing preparation
5. Protect surface areas that will remain unpainted
6. Apply procedures for mixing, catalyzing, and activating paint
7. Apply paint to an auto body using a variety of spray techniques
8. Demonstrate appropriate high volume and low pressure spray gun operation
9. Identify the cause and correct defects in an auto body paint job
10. Apply color, sanding, and buffing techniques to correct surface defects

Course Content:

A. Safety Equipment
B. Substrate preparation
C. Undercoating
D. Finishing Preparation
E. Surface Areas
F. Mixing, Catalyzing, and Activating Paint
G. Spray Techniques
H. Spray Gun Operation
I. Causes of Defects in an Auto Body Paint Job
J. Color, Sanding, and Buffing Techniques

Learning Assessments:

Assessments may include quizzes, tests, project work, demonstrations, instructor observation, weekly assignments, and written papers.
ACR 205 - Painting and Refinishing III
Prerequisite: ACR 155
3 Credit Hours (Lecture)

Instructional Materials:


Guidelines for Requesting Accommodations Based on Documented Disability or Medical Condition

It is the intention of Highland Community College to work toward full compliance with the Americans with Disabilities Act, to make instructional programs accessible to all people, and to provide reasonable accommodations according to the law.

Students should understand that it is their responsibility to self-identify their need(s) for accommodation and that they must provide current, comprehensive diagnosis of a specific disability or medical condition from a qualified professional in order to receive services. Documentation must include specific recommendations for accommodation(s). Documentation should be provided in a timely manner prior to or early in the semester so that the requested accommodation can be considered and, if warranted, arranged.

On-Campus Students: At enrollment, any on campus student may complete a form that will allow them to self-identify any disability.

Off-Campus Regional Students: Self-identify your disability and accommodation needs with the Regional Coordinator and/or instructor, preferably prior to the first class meeting.

Online Students: Self-identify your disability and accommodation needs by contacting the Disabilities Coordinator. Students must provide their own programs to allow accessibility on their home computer.

Any student may also identify their disability by completing an online form located on the HCC homepage under Students Services/Resources/Disabilities. Questions should be directed to the Disabilities Coordinator.