Department:

Auto Collision Repair

Course Description:

This course is designed to allow students to use knowledge gained in sheet metal repair, welding, plastic repair, and painting to obtain skills in working on fleet and commercial vehicles, using tools and paint specific to the industrial field of collision repair.

Course Competencies:

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

1. Repair and replace damaged parts.
2. Use industry specific tools, such as a huck gun.
3. Prepare surface and paint using industry specific paint.

Course Content:

A. Introduction
   1. Review sheet metal repair, welding, plastic repair, and painting techniques
   2. Shop safety and efficiency
      a. Shop accidents
      b. Personal safety
      c. General shop safety procedures

B. Tools, equipment, and techniques
   1. Parts of fleet and commercial vehicles
   2. Huck gun
   3. Types of surfaces
   4. Plastics

C. Repair or replace damaged parts or panels
   1. Remove damaged parts and repair or replace
   2. Prepare surfaces and apply primer

D. Painting
   1. Surface preparation
   2. Painting techniques
   3. Paint mixing
   4. Paint application
Learning Assessments:

Assessments may include quizzes, tests, project work, demonstrations, instructor observation, weekly assignments, and written papers.

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.