Department:

Auto Collision Repair

Course Description:

This course is the second in a four-course sequence covering all aspects of structural analysis and damage repair for automobiles. The course will cover safety, frame inspection and repair, structural damage, unibody repair, welding techniques, and cutting procedures.

Course Competencies:

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

1. Apply safety requirements pertaining to structural damage repair
2. Explain frame inspection and repair procedures
3. Determine direct and indirect damage for structural repair
4. Explain unibody inspection, measurement, and repair procedures
5. Perform welding techniques for structural repair
6. Explain cutting procedures for structural repair

Course Content:

A. Safety Requirements for Structural Damage Repair
B. Frame Inspection and Repair
C. Direct and Indirect Damage for Structural Repair
D. Unibody Inspection, Measurements, and Repair
E. Welding Techniques for Structural Repair
F. Cutting Procedures for Structural Repair

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.