

**Department:**

Automotive Collision & Refinishing Technology

**Course Description:**

Through a variety of classroom and or shop/lab learning and assessment activities, students in this course will: remove and install trim and hardware; determine process and procedures necessary for moveable glass repair; repair outer body panel; replace and adjust outer body panels; replace and adjust outer body panels; remove and install mechanical and electrical components; demonstrate safety protocol appropriate for the auto repair setting; perform intermediate welding skills on non-structural damage repairs; and perform plastic and adhesive repairs.

**Course Competencies:**

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

1. Remove trim and hardware.
2. Install trim and hardware.
3. Determine process and procedures necessary for movable glass repair.
4. Repair outer body panel.
5. Replace outer body panels.
6. Adjust outer body panels.
7. Remove mechanical and electrical components.
8. Install Mechanical and electrical components.
9. Demonstrate safety protocol appropriate for the auto repair setting.
10. Perform intermediate welding skills on non-structural damage repairs.
11. Perform plastic and adhesive repairs.

**Course Content:**

- A. Trim and Hardware Removal
- B. Trim and Hardware Installation
- C. Movable Glass
- D. Outer Body Panel Repair
- E. Outer Body Panel Replacement
- F. Outer Body Panel Adjustments
- G. Mechanical and Electrical Components Removal
- H. Mechanical and Electrical Components Installation
- I. Safety Protocol
- J. Intermediate Welding Skills
- K. Plastic and Adhesive Repairs

**Learning Assessments:**

Competencies may be evaluated by multiple measures, including quizzes, tests, project work, demonstrated competence, instructor observation, weekly assignments and/or written papers.

## Instructional Materials:

Textbooks: Duffy, J. E. (2016). *Auto Body Repair Technology* (6<sup>th</sup> ed.). Cengage Learning. ISBN-13: 978-1133702856

Duffy, J. E. (2016). *Tech Manual for Duffy's Auto Body Repair Technology* (6<sup>th</sup> ed.). Cengage Learning. ISBN-13: 978-1133702863

### **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.

In order to begin the process all students **must** complete the "Disabilities Self-Identification Form" on our [Disability Services website](#).

This form can also be accessed at the Highland Community College homepage under Students Services/Student Resources/Disability Service or by contacting the Disabilities Coordinator.

### **A Note on Harassment, Discrimination and Sexual Misconduct**

Highland Community College seeks to assure all community members learn and work in a welcoming and inclusive environment. Title VII, Title IX, and College policy prohibit harassment, discrimination and sexual misconduct. Highland Community College encourages anyone experiencing harassment, discrimination or sexual misconduct to talk to report to the Vice President for Student Services, the Human Resources Director or complete an [online report](#) about what happened so that they can get the support they need and Highland Community College can respond appropriately.

There are both confidential and non-confidential resources and reporting options available to you. Highland Community College is legally obligated to respond to reports of sexual misconduct, and therefore we cannot guarantee the confidentiality of a report, unless made to a confidential resource. Responses may vary from support services to formal investigations. As a faculty member, I am required to report incidents of sexual misconduct and thus cannot guarantee confidentiality. I must provide our Title IX coordinator with relevant details such as the names of those involved in the incident. For more information about policies and resources or reporting options, please review our [Equity Grievance Policy](#).