

ELECTRICAL AND FIRE SAFETY - REFRESHER

STUDENT'S GUIDE

MODULE OVERVIEW

This module provides a review of electrical and fire hazards in collision repair. You will learn about the health effects of exposure to electricity, and what to do in case of emergency. Available types of fire extinguishers are reviewed, along with the correct way of using and storing them. You will learn how to inspect a shop for electrical and fire hazards and how to correct some of these hazards.

OBJECTIVES

After completing this module you will be able to:

- Determine which items may expose them to electrical and fire hazards.
- Identify hazardous situations that generate exposure to electrical and fire hazards.
- Use work practices to reduce fire and electrical hazards in collision shops.
- List the steps that must be taken in case of emergency due to exposure to electricity.
- Explain how to use a fire extinguisher, and how to store and maintain it properly.

CLASSROOM (15 min)

PowerPoint presentation

LAB

None

HOMEWORK

- **Electrical and Fire Safety – Refresher - Homework .pdf** – Evaluate the electrical cords and plugs on each tool you own or use at school and at home. Search, print and bring to class one report of a fire in a collision shop.
- **Quiz – Fire Safety**
- **Quiz – Electrical Safety**

ADDITIONAL RESOURCES

- **“I want to know more” - folder** – case studies on worker deaths due to electrocution + emergency exits fact sheet and welding area checklist

