

## Non-Credit Course Outline: Electrical Hazards and Electrical Safety

Time: 1 hour

For: City of Cleveland, Healthy Homes Initiative

Created by: Cuyahoga Community College

### Electrical Hazards and Electrical Safety

1. Basic principles of electricity flow and action
2. Electrocution triangle/Protective triangle
3. Dangers of electricity
  - a. Shock
  - b. Falls
  - c. Burn

### Electrical safety equipment and actions to reduce electrical hazards

- d. GFCIs
- e. Check capacity
- f. Use and inspection of cords and equipment

### Objectives

At the end of the session on Basic Electrical Safety, the student will be able to:

1. Explain the basic behavior of electricity.
2. Recognize basic electrical hazards.
3. Explain the benefits of GFCIs.
4. Understand basic actions to reduce electrical hazards.

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