

Course Objectives for the Oregon Burn Center Education and Outreach Programs

Course Title: Electrical Injuries – Education and First Aid

Course Goals: Student will show knowledge about electrical injuries and first aid for those injuries.

Audience: Companies at high risk for receiving an electrical injury, and others who work with, near or around electricity.

Objectives	Content for Each Objective	Time Frame
1. Learner will become familiar with the Oregon Burn Center	<ul style="list-style-type: none"> • Location • Role of the OBC • Staff • Contact information 	Dependent upon the needs of the class and time frame scheduled
2. Learner will be able to identify at least 2 ways to prevent burn injuries at home.	<ul style="list-style-type: none"> • How most people get burned • How to keep family safe at home • How to prevent the most common burn injuries – including turning hot water heater down, gasoline safety 	
3. Learner will be able to state at least three reasons why electrical injuries can be devastating.	<ul style="list-style-type: none"> • Contact points • Hidden tissue damage • Neurological damage • Kidney failure 	
4. Learner will be able to 2 ways that entrance and exit sites differ from each other	<ul style="list-style-type: none"> • Size • Multiple sites • Amount of damage 	

Course Objectives for the Oregon Burn Center Education and Outreach Programs

Course Title: Electrical Injuries – Education and First Aid (continued)

Objectives	Content for Each Objective	Time Frame
5. Learner will be able state the layers and the function of the skin in lay terms	<ul style="list-style-type: none"> • Layers of the skin • Functions of the skin • How to administer first aid based on the functions of the skin 	
6. Learner will be able identify by sight the four types of burn injuries	<ul style="list-style-type: none"> • Superficial • Partial thickness • Full thickness • Fourth degree 	
7. Learner will be able to list at least 3 important first-aid steps for someone who has suffered an electrical injury	<ul style="list-style-type: none"> • Scene safety • Heart/breathing issues • CPR and Rescue breathing • Removing all clothing and heat sources • Keeping patient calm and in one place • Prevention of hyperthermia 	
8. Learner will be able to state why follow up care for every electrical contact is essential	<ul style="list-style-type: none"> • Neurological damage • Hidden tissue damage 	