Fire Safety 2021
Fire Prevention
Fire Prevention
Electrical Safety

Not Approved

Approved

**LCDI:** Leakage Current Detection and Interruption
Responding to Fire Emergencies

IN CASE OF FIRE

RACE

Rescue
Alarm
Contain Fire
Extinguish / Evacuate

REMAIN CALM

BE AWARE
KNOW WHERE

FIRE EXTINGUISHER
FIRE ALARM
FIRE EXIT

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Responding to Fire Emergencies

**Rescue**

- Rescue those in danger
- Know your evacuation routes
Responding to Fire Emergencies

Alarm
- Pull fire alarm
- Call 9-1-1
Responding to Fire Emergencies

**Confine/Contain**

- Close doors, but do not lock
Responding to Fire Emergencies

**Extinguisher**... if possible

**Evacuate**... if necessary
Responding to Fire Emergencies

Evacuation Plan

- Exit routes
- Location of fire extinguishers
- Location of pull stations
Responding to Fire Emergencies

UCI Campus
- Landline .......... 9 – 1 – 1
- Cell Phones ...... 9 – 1 – 1

Provide the following information:
- Name and number
- Location of fire (Building, Floor, Room #)
- DO NOT Hang Up!
Dealing with Severe Fire Events

Trapped in a Room

- Place wet material at the base of the door
- Close all doors between you and fire
- Be prepared to signal from the window (break glass if necessary)
Dealing with Severe Fire Events

Caught in thick, hot smoke...

- Drop to your hands & knees and crawl to a safe area
- Hold your breath as much as possible
- Breathe shallowly through nose and use clothing as a filter
Dealing with Severe Fire Events

Clothes catch on fire

Stop
Drop
Roll
Fire Classifications

Fires are classified according to the material burning. The fire classifications are:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Ordinary Combustibles</th>
<th>Wood, Paper, Cloth, Etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td>Flammable Liquids</td>
<td>Grease, Oil, Paint, Solvents</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>Live Electrical Equipment</td>
<td>Electrical Panel, Motor, Wiring, Etc.</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>Combustible Metal</td>
<td>Magnesium, Aluminum, Etc.</td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>Commercial Cooking Equipment</td>
<td>Cooking Oils, Animal Fats, Vegetable Oils</td>
</tr>
</tbody>
</table>
Fire Extinguisher Assessment

- Pressure Gauge
- Security Pin & Tie
- State Fire Marshal Tag
Using a Fire Extinguisher

Before using a fire extinguisher, you should start back 8 – 10 feet away from the fire.

**HOW TO USE A FIRE EXTINGUISHER**

- **PULL** the pin
- **AIM** at base of fire
- **SQUEEZE** the lever
- **SWEEP** from side to side