

# Rapid Damage Assessment: Course Outline

## Course Description

This course teaches advanced skills to identify unsafe conditions in wood frame, masonry and concrete construction caused by floods, earthquakes or windstorms. Individuals learn to assess damage to determine whether buildings can be occupied. BC Housing's rapid inspection skills are taught using the [Applied Technology Council 20 & 45 guidelines](#) from California.

## Learning Objectives

Upon completion participants should be able to:

- Identify typical structural and non-structural UNSAFE conditions in wood frame, masonry and concrete structures that would prevent safe occupancy following a flood, earthquake or wind storm
- Identify high risk areas on buildings where motion could cause structural damage to wood frame, masonry and concrete structures
- Identify general steps that can be taken to mitigate injuries and damage in non-structural components of buildings
- Conduct a safe post-emergency building evacuation
- Effectively post and secure a structure deemed to be UNSAFE
- Recognize important factors in responding to the needs of building occupants and local safety officials

## Recommended Prerequisite Course(s)

None

## Audience

Participants must have a general understanding of building construction, of personal emergency preparedness, and risks in BC such as earthquakes and wind storms.

This course is often in high demand and staff with roles directly related to facilities planning and management will be given priority access.

## Structure & Delivery

This course will be taught by BC Housing in a classroom setting. This is a 4hr session.

## Registration

*Demand is high for this course. Priority will be given to staff currently working in facilities planning and management.*

**Spring Session – April 2, 2019, 9:00 a.m. – 1:00 p.m.**

[Click here to register](#)

**Fall Session – October 10, 2019, 9:00 a.m. – 1:00 p.m.**

[Click here to register](#)