



PRINCIPLES OF BUILDING CONSTRUCTION: COMBUSTIBLE

Course Description:

This course introduces the special characteristics of combustible construction as it relates to the firefighting profession. Fire officers improve their ability to ensure firefighter safety by recognizing common causes indicators of failure and other hazards related to building construction or contents. The course enables the fire officer to better predict the overall reaction of a building to fire conditions. The overall goal of this course is to provide knowledge about the classification system of the buildings, the importance of fire resistance, and the risks associated with performing fire suppression activities. This course was developed by the National Fire Academy.

Textbook: Principles of Building Construction Student Manual

Course Length: 12 hours

Lesson 1 - Introduction

Lesson 2 - Principles of Building Construction

Lesson 3 - Type V Wood Frame Buildings

Lesson 4 - Type III or Ordinary Construction

Lesson 5 - Type IV or Heavy-Timber Construction

Lesson 6 - Plan and Implement Actions, Evaluate, and Review