

Students Learning Outcome and Assessment Plan

Department/program: Fire Technology

Date: September 13, 2007

Course title/number: Building Construction for Fire Protection

Participating Faculty: CFTDA

Identified Student Learning Outcomes:

Upon successful completion of this course, the student will be able to:

1. Identify major types of building construction.
2. Identify the indicators of potential structural failure as they relate to firefighter safety.
3. Analyze the hazards and tactical considerations associated with the various types of building construction.
4. Explain the different loads and stresses that are placed on a building and their interrelationships.

Types of Assessment to be used:

SLO #1	Assessment Instrument	Meets SLO	Did not meet SLO-
Identify major types of building construction.	Through a quantifiable examination process the student will demonstrate their knowledge of stated SLO.	Seventy percent or more of students met the SLO	Less than seventy percent of students did not meet SLO.

SLO #2	Assessment Instrument	Meets SLO	Did not meet SLO-
Identify the indicators of potential structural failure as they relate to firefighter safety.	Through a quantifiable examination process the student will demonstrate their knowledge of stated SLO.	Seventy percent or more of students met the SLO	Less than seventy percent of students did not meet SLO.

SLO#3	Assessment Instrument	Meets SLO	Did not meet SLO-
Analyze the hazards and tactical considerations associated with the various types of building construction.	Through a quantifiable examination process the student will demonstrate their knowledge of stated SLO.	Seventy percent or more of students met the SLO	Less than seventy percent of students did not meet SLO.
SLO #4	Assessment Instrument	Meets SLO	Did not meet SLO-
Identify major types of building construction.	Through a quantifiable examination process the student will demonstrate their knowledge of stated SLO.	Seventy percent or more of students met the SLO	Less than seventy percent of students did not meet SLO.

Student classroom oral presentations identifying the five types of building construction using audio visual aids.

Student will prepare a written report on a case study related to structural failure and firefighter safety.

Through the use of small-group activities, students will critique a case study associated with hazards of structural collapse.