BUILDING CONSTRUCTION
STUDENT SYLLABUS

Overview

This is Monday night semester course from 6:30 to 9:30 p.m.
The course prepares the student to develop an understanding of modern building construction methods.

Course Prerequisites

Description of prerequisite course and certifications.

Outcome Objectives

After completing the course the student will have met all outcomes for the Fire and Emergency Service Higher Education (FESHE) Building Construction for Fire Protection Course.

Text

The required text for the course IFSTA'S Building Construction related to the Fire Service, 3rd Edition. Also, each student is required to have IFSTA'S Building Construction related to the Fire Service Course Workbook.

While not required, the Building Construction Related to the Fire Service Self-Study Guide is valuable tool to help prepare for each lesson in the course and for ay final exams. The manual, course workbook, and self-study are available from sources for purchasing the material.

Course Schedule

A course schedule will be provided by the instructor at the first class session. A general course schedule, including reading assignments, is provided on pp. 3 for class scheduke.

Course Evaluation Strategy

Description of course evaluation strategy.

Homework Assignment

Description of homework assignment if required.

Pre-course Reading Assignment

Description of pre-course reading assignment if required.

Required Materials

IFSTA Building Construction Related to the Fire Service 3rd Edition
Notebook and paper

Instructor Information

Contact information for the instructor will be provided at the first class session. The goal of the instructor is to help you be successful during the course. You should immediately contact the instructor if you have any question about the course or course work. (951) 805-6980.

Attendance Policy

You are expected to attend each class session 6:30 to 9:30 p.m. Because each class session is Length of each class hours, a large amount of information will be missed by an absence. If an emergency arises, immediately inform the instructor and every effort will be made to accommodate the situation.

Academic Dishonesty Policy

Academic misconduct includes cheating, plagiarism, falsification of records, unauthorized possession of examinations, intimidation, and any and all other actions that may improperly affect the evaluation of a student's academic performance or achievement; assisting others in any such act; or attempts to engage in such acts.
Any incident of academic misconduct will result in the student being dropped from the course and the student's sponsoring agency being notified of the incident.

Course Participation

The course utilizes lectures, open discussion, and skills practice to achieve the learning objectives. Every student is expected to:

- come to the course prepared to actively participate in discussions,
- read the text prior to the next class session

- review all material from IFSTA web-site,
- complete all homework assignments,
- respect the beliefs, opinions, and values of other students,
- and have an open mind about the issues being discussed

EL CAMINO FIRE ACADEMY – BUILDING CONSTRUCTION
LINK: https://r1.ifsta.org/course/view.php?id=3894
Enrollment key: ifsta5482 (The first letter is CAPITAL)

COURSE SCHEDULE

Class Date	Chapter	Topic	Text Pre-Reading	HOMEWORK ASSIGNMENT
	1	Building Construction & the Fire Service	**pp. 9-41**	**Quiz 1**
	2	Structural Fire Resistance & Building Classifications	pp. 45-67	Quiz 2
	3	The way Building are Built: Structural Design Features	pp. 71-103	Quiz 3
	4	Building System	pp. 107-146	
	5	Fire Behavior & Building Construction	pp. 151-179	Quiz 4
	6	Foundations	pp. 183-192	
	7	Wood Construction	pp. 197-228	Quiz 5
	8	Masonry & Ordinary Construction	pp. 233-253	Quiz 6
	9	Steel Construction	pp. 257-276	
	10	Concrete Construction	pp.281-298	
	11	Roofs	pp. 303-334	Quiz 7
	12	Special Structures & Design Features	pp. 339-371	
	13	Building Under Construction, Remodeling, Expansion, & Demolition	pp. 375-388	
	14	Non-Fire Building Collapse	pp. 393-408	