

## FIRE 103 Building Construction for Fire Protection

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CRN#:	20789
DATE:	Fridays
TIME:	1730-2040 hrs
PLACE:	IVC room 2137
DESIGNED FOR:	Fire service emergency response personnel
DESCRIPTION:	This Course is the study of the components of building that relate to fire safety. The elements of construction and design of structures are shown to be key factors when inspecting buildings, pre planning fire operations, and operating at fires. The development and evolution of building and fire codes will be studied in relationship to past fires in residential, commercial, and industrial occupancies. This is one of six CORE courses required for an associate degree in Fire Technology.
PREREQUISITES:	None
CERTIFICATION:	None
REQUIRED BOOKS:	Building Construction Related to the Fire Service 3 <sup>rd</sup> Edition. IFSTA
INSTRUCTOR:	Lt. Eloy Martinez @ 760-235-5025 or firemaneloy@hotmail.com

STUDENT LEARNING OUTCOMES (SLO)

1. The student will be able demonstrate an understanding of building construction as it relates to firefighter safety, building codes, fire prevention, code inspection and firefighting strategy and tactics.
2. The student shall be able to recognize the significance of methods and materials historically used in building construction as we the age of the building itself.
3. The student will be able to identify building variables as they relate to the work of firefighters.
4. The student will be able to identify communication of fire and the ways in which it occurs and factors that affect communication of fire along with methods used to protect buildings from exposing fires.
5. The student will be able to identify factors affecting building failure, structural integrity, building systems, and design deficiencies as building design considerations.
6. The student will be able to explain the principles of design and why buildings are built.
7. The student will be able to identify considerations and the construction process.
8. The student will be able to identify components of the building permit process and pre incident planning.

Point System

Weekly Chapter outlines 20pts

Weekly Chapter review questions 10pts

Mid Term 30pts

Final 100pts

600 total possible points

Plagiarism and Cheating

Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials which are prohibited or inappropriate in the context of the academic assignment in question, such as:

- copying or attempting to copy from others during an examination or on an assignment;
- communicating test information with another person during an examination;
- allowing others to do an assignment or portion of an assignment, including the use of a commercial

term paper service.

Plagiarism includes the deliberate misrepresentation of someone else's works and ideas, as one's own, as well as paraphrasing without footnoting the source.

The bottom line is you cannot copy anything directly from any source including your textbooks or the Internet, unless you are using a quotation and you must note the book or article or website, and page number from the source of your quote. If you paraphrase something, you must also cite the source of your information. If you copy and paste other people's writing into your answers on any assignment, the assignment will be given "0" points the first time you do it and if you do it again, you will be terminated from the academy. If you use plagiarized material in your firefighter assignments you will receive a "zero" for the assignment and an "F" for the course.