

West Los Angeles College

FT 204 Building Construction related to the fire service Section # 1102 (3 course units)

There are no Pre-requisites, co-requisites, and/or advisories for this course.

This course meets Mondays and Wednesdays in general classroom 470 at 0945 to 1100 hours. Students are expected to attend every class session, to arrive on time and stay throughout the class period. Students may be dropped from class for excessive tardiness, or for failure to attend class the first day or during the entire first week of the class or if the total number of absences exceed twice the number of hours the class meets per week)

On-line students are required to enter and complete a reading assignment, review of a module or exercise and or final weekly throughout the semester.

Course description:

PREREQUISITE: None. DESCRIPTION: Building construction related to fire control. For Public Safety Departments and other agencies that cross train law enforcement and fire suppression personnel. Theory and fundamentals of how and why fires start, spread, and are controlled. Building Construction related to the Fire Service is an on-line and campus course using the Etudes system to bring to you the opportunity to take college courses and conduct your studies around your own personal schedule.

This course is one of the 6 required core classes for the fire technology program. The goals and objectives for the course as well as the course content has been approved State-wide for fire fighters by the California State Chancellor's office, the California State Fire marshal office as well as the National Higher Education Committee.

Student Learning Objectives:

1. Describe the three components of the exit ways systems for building. Include all requirements as set forth in the Uniform Building code.
2. Compare and contrast the differences between the four building codes found in the United States
3. Determine the basic allowable area of a building when the occupancy classification, type of building construction, and fire zone are known, list the ways the basic allowable areas of a building can be increased, and explain the reasons for allowing increased areas, establishing height restrictions and allowing construction with unlimited areas.
4. List the types of vertical openings found in buildings and discuss the methods used to enclose and protect the openings against fire spread.
5. Discuss the way fire travels and explain the hazard of thermal radiation, list steps that can be taken to reduce the hazards of exposure fires.

Written questions found under Discussion and Private messages will be used to test on the expected outcomes above. A passing score is 80 % or above. Questions have been selected to serve as the assessment tools for this class. You must obtain a grade of 80 % or better on the selected questions.

TEXT BOOK –Available at the Campus book store

Required textbook for this class:

Brannigan's Building Construction for the Fire Service" 4th ed. National Fire Protection association, Sudbury, Ma. ISBN 13-987-0-7637-4494-6

Instructor: Dr. Ray O. Shackelford (retired Fire Chief)

Campus Office General classroom building room 380J phone 310-287-4231

Office hours 0700 to 0800 and 1100 to 1300 hours Mondays and Wednesdays.

And every 4 th Friday every month 0800 to 1000 hours.

Make an appointment using E-mail to 1044056629@qq.com

Grading for this class

12 exercise assignments valued at 10 points each= 120 points

Mid-term examination =50 points

Final examination =100 points

THE MID-TERM EXAMINATION WILL BE OPEN MONDAY October 22 @ 0800 hours and remain open until December 16th.

THE FINAL EXAMINATION WILL BE OPEN December 1st @ 0800 hours and remain open until December 14 th.

In addition, there are 5 written assignments to be completed as per the schedule. You will find the written assignments and the due date for each under Discussion and Private Messages.

Each assignment will be graded and returned within a few days after the assigned is due.

Assignment # 1 Open 8/26 due and is due prior to September 23 th

Assignment # 2- Open 9/23 and is due prior to October 7 th.

Assignment # 3- Open 10/7 and is due prior to October 28 th.

Assignment # 4-Open 10/28 and is due prior to November 18 th.

Assignment # 5-Open 10/28 and is due prior to December 5 th.

12 exercises 1 for each chapter 120 points

Mid-term examination 50 points

Final examination 100 points

5 written assignments (10 points each) 50 points

Student survey 25 points (one class only)

*****25 Bonus points can only be added upon confirmation of completion of the survey. This must be completed during the first 4 weeks of class and can be used for one class only.

Total points possible for this class 320 points

320 to 288 = A

287 to 256= B

255 to 224= C

223 to 192= D

191 and below= F

All policies regarding course grades, attendance and classroom behavior and all administrative matters can be found in the college Catalogue and regulations are strictly adhered to in on-line classes. A copy of these policies can be found in the course schedule, in the College Library and on-line as well.

Academic dishonesty policy: The syllabi should reference the LACCD student code of conduct as it relates to student dishonesty (Board Rule 9803.28) as follows: "Violations of academic integrity of any type by a student provides grounds for disciplinary action by the instructor or college. Violations of Academic Integrity include, but are not limited to, the following actions: cheating on an exam, plagiarism, working together on an assignment, paper or project when the instructor has specifically stated students should not do so, submitting the same term paper to more than one instructor, or allowing another individual to assume one's identity for the purpose of enhancing one's grade. For more information on the Standards of Student Conduct refer to the college catalog available in hardcopy and online at www.lattc.edu."

Accommodations. The DSPS Office is located in the new Student Services Building, SSB, 3rd floor, room 320, phone, 310 287 4420. Be sure to make note of the change of location on your syllabus. Also, when you go over the syllabus with your class, remind students that you must receive a DSPS form if they need specific services. The form will list what services they are entitled to. Your statement should read something like: "Students with disabilities who need any assistance or accommodations should contact the instructor. Students should also contact the Disabled Student Programs & Services (DSPS) center located in SSB 320 or call 310-287-4420."

dsps@wlac.edu

W's" now count toward attempts at any one course. The last date to drop without a "W" in person is September 6th, or by web September 8, TO DROP WITH a "W", is Friday, November 15, 2013.