

**West Los Angeles College**  
**Fire Technology Program-FT 203 Fall 2014 Section # 1100 (3) units**  
**course work**

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

This course meets Mondays and Wednesdays in General classroom 320 or in classroom reassigned after the first meeting day at 0800 to 0935 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 during the entire first week of the class or if the total number of absences exceeds twice the number of hours the class meets per week.

On-line students are required to enter and complete reading assignments, as per the schedule of the course modules. Course description: Fire Protection and Equipment Systems. For public safety departments and other agencies that cross train law enforcement and fire suppression personnel. FT 203 - Fire Protection and Equipment Systems is a required core course for the fire technology program.

This is an On-line and On-campus course using the Etudes system designed to bring to you the opportunity to take college courses and conduct your studies around your own personal schedule as well as providing the classroom experience.

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 College Chancellor's and the Office the California State Fire Marshal as well as the National Fire Higher Education Committee and the West Los Angeles college committee.

Student learning Objectives:

- \* Describe how each of the approved portable fire extinguishers operate and how often servicing is required.
- \* Demonstrate in writing your knowledge of the design and operation principles of various types of fire protection systems
- \* Describe the basic elements of a public water supply system including sources, distribution networks, piping and Hydrants
- \* Identify three different types of fire detectors and explain how they detect fires.
- \* Review in writing the history and evolution of fire protection extinguishing systems and explain how they have been developed throughout the years

Some or the entire above course objectives may be used as a measure or assessment of student retention of course materials for this course. One or more of the 5 written

assignment questions may be selected to be used to assess student success in this course or may be found in one of more of the multiple choice questions found in this course.

Required text book:

Fire Detection and Suppression systems, 4th edition, Oklahoma State University, ISBN 987-0879393984 Available in PDF format at [Safetyconceptsllc.org](http://Safetyconceptsllc.org) or at the College book store.

Recommended text book: NFPA handbook 20th edition, National Fire Protection Association, 2008. Students should review sections 10 (all chapters) & section 11 (all chapters). A copy is available for loan in the Instructor's office an electronic copy of portions of the NFPA handbook is available as well.

**EXERCISES:** There are 9 exercises with fill-in questions and multiple choice questions for each chapter of the book. You will find the exercises in Etudes-NG on the left hand side under assignments, tests and surveys, answer all the questions.

Complete the first 4 exercises before attempting the mid-term examination. The mid-term will have 50 randomly selected questions from the information found in the first 4 chapters of the textbook.

It is recommended that you print out the questions then answer them off-line. After answering them, paste them back into the exercise section and submit them.

Points assigned to each chapter:

Chapter 1-34 points

Chapter 2-66 points

Chapter 3-40 points

Chapter 4-42 points

Chapter 5-45 points

Chapter 6-60 points

Chapter 7-42 points

Chapter 8-42 points

Chapter 9-60 points

Total points exercises 431

Mid-term: 50 multiple choice questions pages 1-110 covering Chapters 1 -4.

Grading for mid-term. One point for each correct answer or 50 points for the mid-term examination. 50 points

Final Examination covers all 9 chapters of the textbook.

There are 100 Multiple choice questions with a value on one point per question for the final examination. 100 points

See below for opening and closed dates for the mid-term and Final.

THE MID-TERM EXAMINATION WILL BE OPEN MONDAY October 28 @ 0800 hours and remain open until December 14th.

THE FINAL EXAMINATION WILL BE OPEN December 5th @ 0800 hours and remain open until December 14th.

In addition to the multiple choice exercises there are 5 written assignments. The 5 written assignments must be completed as per the schedule. You find them under Discussion and Private Messages on etudes. Each question must be answered according to the date schedule. They are worth 10 points each for a total of 50 points.

The instructor will grade each written assignment and return your grade with comments. Be as concise as possible; however, make sure you completely answer the question. Pay attention to the time schedule.

Discussions and private messages.

Assignment # 1 is open September 2 and is due prior to September 28 th

Assignment # 2- is open September 28 th due prior to October 18 th

Assignment # 3- is open October 18 th and is due prior to October 31 st.

Assignment # 4-is open October 31 st and is due prior to November 25 th.

Assignment # 5- is Open November 25 th due prior to December 14th.

\*\*\* YOUTUBE Videos have been added to the assignments\*\*\* Please provide the instructor with your evaluation of the value of the information provided  
Assessment of Student learning outcomes:

**DO NOT WAIT TO THE LAST DAY OF THE ASSIGNMENT AS ONCE THE DATE IS PASSED IT CANNOT BE RE-OPENED.**

9 ( exercises) one exercise each chapter	431 points
Mid-term examination	50 points
Final examination	100 points
5 written assignments 10 points each	50 points
Student survey +	25 points

\*\*\*\*\*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 the bonus points can be used for one class only.

Grading Policy for this course:

631 to 568 points = A

567 to 504 points = B

503 to 441 points = C

440 to 378 points= D

377 and below = F

Assessment of Student learning outcomes:

Some or the entire above course objectives may be used as a measure or assessment of student retention of course materials for this course. One or more of the 5 written assignment questions may be selected to be used to assess student success in this course or may be found in one of more of the multiple choice questions found in this course. Written examinations will be used to test on one or more expected outcomes above. A passing score is 80 % or above. Questions have been selected to serve as the assessment tool for this class. You must obtain a grade of 80 % or better on the selected questions.

All entries into Etudes are recorded and used as your attendance record. Students not making entries into etudes during the first three weeks of class will be dropped from the class.

Instructor: (retired Fire chief) Dr. Ray O. Shackelford and Battalion Chief Antoine McKnight as of 9/29/14. His office is located in the GC building room 380J. His phone is 310-287-4231 E-mail address:chiefmck@gmail.com. I will answer this E-mail address within 24 hours.

The instructor is available to answer questions prior to class and after class on Mondays and Wednesdays. He is on campus Fridays on committee work. However, you need to make an appointment to make sure he is available. His office hours are Mondays and Wednesday 0700 hours to 0800 hours or 1100-1200. Call or send an E-mail for an appointment to make sure, I do not miss you. Other appointment times can be arranged but must be scheduled in advance. Office phone 310-287-4231.

Please make appointment using E-mail:chiefmck@gmail.com All West Los Angeles College Policies 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](http://www.lattc.edu).”

Disability Support Services (DSS) Accommodation Statement\* “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](mailto:dsps@wlac.edu)

#### Change in Policy on W's

3 W's: Last year we added wording about receiving a “W.” “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, 2014.