

WLAC FT217 Fire Apparatus-Section # 8069-3 units of course work- fall 2014
(There are no Pre-requisites, co-requisites, and/or advisories for this course.)

Instructor: M. Beard, e-mail: BeardM@elac.edu

Course description:

DESCRIPTION: This course is designed for fire department driver/pump operators who are required to respond and operate fire apparatus at the emergency scene. Safe driving practices along with pumping operations will be studied in detail in this class. All standards for fire apparatus and pumping skills will be covered.

This course is an on-line course meaning that campus classroom attendance is not required on a Weekly basis but online chat sessions are scheduled and required. This course is an on-line course. 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.

This is an elective course in the fire program.

This course examines all aspects of driving, operations and maintenance of fire apparatus. Included is a complete examination of the specification processes used for the bidding and purchase for fire apparatus of all types with special emphasis of specifications for: motors, pumps, chassis and body requirements. NFPA pumping standards and testing procedures for all fire apparatus will also be covered.

Student learning outcomes:

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

1. Identify the specifications, requirements and standards used for fire pumping apparatus, ladder apparatus, and rescue vehicles and other specialized equipment.
2. To describe in detail the recommended safe driving, operating and safety related methods and procedures for the operators of fire apparatus.
3. To describe the procedures and requirements used to develop bid specifications for the purchase of all types of fire apparatus.
4. To describe in detail the needed steps and procedures for the safe operation of both governor operated and pressure operated relief valves.
5. Describe the steps you would take to pump water from a lake and how the steps would differ, if you were pumping from a city fire hydrant.

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.

Textbook required:

Pumping Apparatus –Driver/Operator Handbook, 2 nd edition, IFSTA. Oklahoma State University, Publishing, this text book is available as a PDF on line at www.Safetyconceptsllc.org or the college book store.

Both the text book and the studnet work book is available.

This class covers these chapters of the text-1,2,3,4,5, 6, 10,11,12,13,14, 15.

***** Note Chapters 7, 8, 9 will be used for FT 208 The Fire Hydraulics class.**

Written Assignments are found under Discussions and private messages in ETUDES.

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

Assignment # 2- is Open on Septemebr 28 th and is due prior to October 18 th

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

Assignment # 4-is Open on October 31 st. adn is due prior to November 25 th.

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

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

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 9th @ 0800 hours and remain open until December 16 th.

Exercises = 130 points total

There are 10 multiple choice questions for each chapter found under assignments on your ETUDES-NG web page. Click on the chapter assignment complete the questions and return to the instructor for grading. There are a total of 130 questions for this assignment.

Each correctly answered question has a point value of 1. The total value for the assignments for this class is 130 points.

Do not wait to the last few weeks of the class to complete the exercises.

They are comprehensive questions.

Mid-term examination = 50 points

50 multiple choice questions found under tasks, test and surveys in ETUDES-NG. This test is graded by the computer. Questions for the mid-term are randomly selected from a 300 question bank.

Final examination=100 points

100 multiple choice questions found under tasks, tests and surveys in ETUDES-NG. This test is graded by the computer. Questions for the Final are randomly selected from a 500 question bank.

There are 10 multiple choice questions for each chapter found under assignments on your ETUDES-NG web page. Click on the chapter assignment complete the questions and return to the instructor for grading.

Exercises for each chapter=130 points

Mid-term examination= 50 points

Final examination=100 points

5 Written assignments Five Written assignments found under discussion and private messages. 50 points.

Total points for this course=330 points

*****25 Bonus points can only be added upon confirmation of completion of the survey. This must be completed during the first 3 weeks of class and **can be used for one class only.**

Grading for this class:

330 to 297= A

296 to 264= B

263 to 231 = C

230 to 132 =D

131 and below F

Instructor: (retired Fire chief) Dr. Ray O. Shackelford. His office is located in the NEA building room 180. His phone is 310-233-4067

His E-mail is 1044056629@qq.com

His office hours are Mondays and Wednesday 0700 hours to 0800 hours 1100-1200. Call or sent 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

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 and in the College Library.

Absenteeism and tardiness (Not responding to assignments on line as per the scheduled times) is regulated by College requirements and will be enforced according to the procedures as outlined in the College regulations.

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@wlaac.edu