

This is a On-line 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. This course is one of the 3 elective 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.

Instructor: Jason Hosea
Office phone 323 267-3703
Office hours- TBD - As needed to meet student needs
Appointments by E-mail hoseaj@elac.edu

REQUIRED TEXT BOOK FOR THIS CLASS::

Text book: Fire Investigator, IAFF, IAAI, NFPA., Jones and Bartlett Learning 2012, ISBN-978-0-7637-5851-6

Available at the book store on campus and online.

Assessment of Student learning outcomes:

The 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.

Class Objectives: This class uses the most complete text book on the subject of fire investigation. Using this text book will provide coverage of the majority of the materials you will need as a fire fighter.

Student learning outcomes:

1. Define criminal law and explain the constitutional amendments (4th, 5th, 6th, 8th, 14th) as they apply to fire investigations.
2. Analyze the precedents set by constitutional law case studies that have affected fire investigations.
3. Define and explain the common terms used in fire investigations.
4. Describe the basic elements of fire dynamics and how they affect cause determination including fire behavior, characteristics of fuels and methods of heat transfer.
5. Analyze the relationship of building construction on fire investigations including types of construction, construction and finish materials.
6. Evaluate fire protection systems and building services and discuss how their

installation affects the ignition of fires in buildings.

7. Discuss the basic principles of electricity.

8. Explain the role of the fire investigator in recognizing health and safety concerns including potential hazardous materials awareness.

9. Describe fire scene investigations and the process of conducting investigations using the scientific method. Explain how an investigator determines the point of origin in a room.

Assignments: EXERCISES

There are A total of 260 multiple choice questions found in the exercises that are used in this course each is valued at 1 point. They are based on all 26 chapters of the text book.

(open Feb.10 th, closes June 6th)

There is a mid-term with 50 multiple choice questions (50- points) and a Final examination worth (75) points all are multiple choice that review the major issues from the text chapters again.

Discussion Questions

In addition, there are 5 written assignments that require (see questions and schedule under Discussion and private messages each respond to the 5 questions is worth up to 10 points.

They can be found under Discussion and private messages (questions) They are to be completed and returned per the schedule.

due:TBD

Assignment#1 is

Assignment#2 is

#4 is due: TBD

Assignment#5 is due:TBD

Grading for this class

Total points possible

Exercises 260

Mid term 50

Final 75

Discussion assignments 50

TOTAL 435 POINTS

GRADING SCALE

435 TO 391 = A

390 TO 347 = B

346 TO 303= C

302 TO 259 = D

258 AND BELOW =F

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.

DO NOT WAIT TO THE LAST MINUTE TO FINISH THE ASSIGNMENTS.

Accommodations. The DSPS Office is located in the new Student Services Building, SSB, 3rd floor, room 320, phone, 310 287 4450. 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 310-287-4450." dsps@wla.edu