

**HAZARDOUS MATERIALS****FALL 2015**

Fire Technology 10 #7586

Thursday 1430-1740

ITEC 214

Instructor: Lee Macpherson, Battalion Chief, Retired

Textbook: **First Responder Operations, CSFTS  
DOT Emergency Response Guidebook**

## Student Learning Outcome

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

The student will be able to describe the role of the First Responder.

The student will be able to identify five flammable liquids.

The student will be able to identify three basic methods of spill containment.

DATE		SUBJECT	ASSIGNMENT	QUIZ
Aug	27	Introduction/Registration	Chapters A and B	
Sept	3	Recognition and Safety,	C	
	10	Chemistry Review, Flammable Liquids		1
	17	Safety, Isolation, Notifications, Killer Bees,	D	2
	24	Command, Scene Management and Ammonia	E	3
Oct	1	Action Plans and ERG	F	4
	8	Protective Equipment	G	5
	15	Containment and Protective Actions	H	6
	22	Disposal and Documentation	I	7
	29	Outside Agencies and PrePlanning	J and K	8
		Toxics, Poisons and Corrosives – <b>Term Papers Due</b>	L	9
Nov	5	Explosives and Explosions, DMV	M	10
	12	Legal Aspects, Return Term Papers	O	11
	19	Review for Finals		
	26	<b>Thanksgiving Day Holiday</b>		
Dec	3	<b>State Exam</b> (DOT ERG needed)		
	10	<b>Collegiate Final Exam</b> (DOT ERG needed)		
Grading:		Quizzes 100 points	A = 300 to 270	
		State Exam 80 points	B = 269 to 240	
		Final Exam 120 points	C = 239 to 200	
		Term Paper Pass/Fail	D = 199 to 170	

Eleven quizzes are given during the Semester. The lowest score will be thrown out, allowing the student to miss a quiz or do poorly on one. Sorry, no make-ups on quizzes.

On time attendance is mandatory. A student will be considered 'absent' if they arrive in class 5 minutes or longer after the posted start time for the class. As per college policy (

see 'Attendance During Semester', page 19 of the 2015-2016 ECC Catalog) a student may be dropped when the number of hours absent exceeds the number of units assigned to the course. In the case of F/T 10 this means you can only have 1 unexcused absence during the entire semester. Keep in mind that 'Tardies' in excess of 5 min count as an absence. Students can call the Instructor and leave a message at 310-660-3593 ext 3997

#### Disability Statement

Students with disabilities who believe they may need accommodations in this class are encouraged to contact the Special Resource Center on campus as soon as possible to better insure accommodations are implemented in a timely fashion. As well, please contact the Instructor privately to discuss your specific needs.

## TERM PAPER INSTRUCTIONS

All students are required to complete a college level term paper on a subject concerning Hazardous Materials. The term paper topic is the student's choice but must be approved by the Instructor in advance. The paper is to be 3 to 4 pages, double-spaced, completed on a computer. If the student does not have a computer at home or work, the college has them available. Term papers are to be submitted in a cover, with a cover page and a reference page. Students not familiar with term paper structure are strongly encouraged to seek assistance at the Writing Center.

The term paper is due on or before **Oct 29**. Students are urged to not wait until the last minute to start or turn in their term paper. Term papers submitted after **Oct 29** will cause the student to lose one full letter grade for each week late. Grading of the term papers will be on a Pass/Fail basis, with emphasis on content and structure.

Students are encouraged to use the Internet for term paper research. Students are warned that the term paper is to be in the students own words, not copied directly from the Internet. Directly copying the Internet will cause the paper to be failed. Term papers that do not appear to be in the students own words will be subjected to an examination by an Internet search engine that looks for similar language.