

Midland College
Syllabus
FIRT 1315
Fire Administration I (3-0-0)

Required Participation	For Online classes, students MUST actively participate by completing an academic assignment by the official census date. Students who do not do so, will be dropped from the course.
Course Description	The course covers the chemical characteristics and behavior of various materials. Storage, transportation, handling hazardous emergency situations and the most effective methods of hazardous mitigation will also be covered.
Text, References and Supplies	<ul style="list-style-type: none">• <i>Awareness Level Training for Hazardous Materials.</i> International Fire Service Training Association, current edition.
Course Goals/ Objectives	<p>The following list of course goals will be addressed in the course. These goals are directly related to the performance objectives, and follow the curriculum for awareness level training from TCFP curriculum section 116 of the firefighter I curriculum. Upon completion of this course the student will know or be able to do the following:</p> <ol style="list-style-type: none">1. Be able to describe the purpose, goals and definitions of the NFPA standards applicable to hazardous materials.2. Will have the knowledge of safety principles applicable to hazardous materials response at the awareness level.3. Will have to knowledge of hazardous material incident management conceits as applicable to hazardous materials incident response.4. The student will be able to identify principles pertaining to the recognitions of hazardous materials.5. The student will have knowledge of principles of classification, identification, and verification of hazardous materials, and shall, given examples of facility and transportation hazardous materials incidents, describe, identify, and demonstrate the actions to be taken in hazardous materials incidents.6. When given a copy of the North American Emergency Response Guidebook (ERG); will be able to describe the difference between the protective action distance in the orange-bordered guide pages and the green-bordered guide pages in the document.7. The student if upon request will be able to demonstrate knowledge of the standard operating procedures and the local emergency response plan adopted by the authority of authorities having jurisdiction.8. Will know and be able to identify any threat posed by the intentional releases of hazardous materials due to acts of terrorism or other criminal activity.

Student Contributions and Class Policies This is an on-line, computer based instruction course. Each student will sign into the Canvas course curriculum at least 3 times for 3 hours each week. The student is responsible for having access to a computer with internet capability, and must provide a current working email address. This is mandatory. Homework will be sent in each week unless otherwise notified, and all tests and quizzes will be done the week of posting and completed according to instructions.

Evaluation of Students There will be a mandatory final exam. The remaining number of major exams will be at the discretion of the instructor. Quizzes and projects will be handled as daily grades. All tests will be made up the week the exam was given unless arrangements are made with the instructor.

Homework	50%
<u>Major Exams</u>	<u>50%</u>
Total	100%

All homework assignments will be turned in on time unless prior arrangements are made. If no prior arrangements are made and turned in late a deduction of 10 points a day will be deducted off of the work until a value of 50 is reached. At that point the best a student can receive for a grade will be 50 or F.

90 and above	A
80 – 89	B
70 – 79	C
60 - 69	D
	F
59 and below	

Course Schedule This is an on-line course. Therefore, there is not a structured time to meet.

Performance Objectives

- 1 The student will exhibit professional behavior.
- 2 Performance will be satisfactory if all the items on the following checklist are met.
 - Signs into Canvas class regular
 - Participates in class
 - Maintains positive attitude
- 3 Unless stated otherwise, the student will not be allowed references. The student will be provided with necessary fire prevention equipment. Performance for content goals 1-5 will be satisfactory if consistent with course text. Satisfactory performance will be measured by an objective and/or application exam and instructor observation.

ADA Statement Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements should contact Shep Grinnan as soon as possible. Mr. Grinnan's office is located in the Scharbauer Student Center Building. Please be aware that services or accommodations are not automatic. Each

student must request them and secure the proper authorizations/
documentation.

Division Information

Health Sciences

- Division Dean: Carmen Edwards, DNP, MSN, RN, 209 DFHS Building, 432-686-4822
- Department Chair: Mark Kuhn, 198 TC Building, 432-685-6757, 432-940-2453 (cell)
- Division Secretary: Kay Floyd, 206 DFHS Building, 432-685-4600