Course Description:
Principles and techniques of fire apparatus operations and theories. This course satisfies curriculum and training hour recommendation for the Texas Commission on Fire Protection driver/operator-pumper.

Text, References, and Supplies:


The following NFPA standards:

NFPA 13, 13D, 13E, 13R, 14, 1002, 1915

The student will be allowed references as needed. The student will supply required text book, and have access to a computer meeting the requirements determined by Midland College, with Internet capability. The student will also have a working email account and will provide the instructor with information the week before class starts and the first week of class. If the student does not have access to email the college provides this account free of charge.

If this course is to be used for state certification, all performance testing will be up to the student’s fire training division and or access to a fire department pumper.

Course goals / Objectives:
Identify pump theory; calculate flows and pressures; perform apparatus inspection; demonstrate driving practices; and perform pump operations
Student Contributions, 
And Class Policies:

This is an on-line, computer based instruction course. Each student is expected to have access to computer that meets Midland College requirements for software and program (see blackboard for these requirements) and is expected to participate in any and all discussion boards as required and any real time chat sessions; to be self motivated, to turn in all required homework assignments on time. Each student will be required to log in at least three times a week for a minimum of one hour or three hours a week.

All students will provide the instructor with a current working email address. If the student does not have one, each and every student is provided an email address for the semester cost free. Please check in on Blackboard to read how to activate this.

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 of the exam unless prior arrangements have been made with the instructor. Quizzes and projects will be handled as daily grades.

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<th>Percentage</th>
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<tr>
<td>Major exams</td>
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<td>Homework</td>
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<td><strong>Total</strong></td>
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MIDLAND COLLEGE GRADING SYSTEM

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<th>Grade</th>
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<tr>
<td>90 and above</td>
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<td>80 TO 89</td>
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<td>60 TO 69</td>
<td>D</td>
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<td>59 AND BELOW</td>
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Driver/ Operator- Pumper
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COURSE SCHEDULE:

This course is an online course and therefore unless indicated by the instructor does not have a regular scheduled meeting time. Each student is required to log in and read the announcement section of the class and read announcements and homework assignments and other require information.

SCANS INFORMATION:

The following SCANS skills are taught and/or reinforced in this course:

INFORMATION:
Acquires, evaluates, organizes, maintains, interprets and communicates information. The student will used case studies as well as hands on applications where required.

LISTENING/ SPEAKING:
Receives, attends to, interprets and responds to verbal and written messages, participates in discussion and discussion boards, and group activities.

THINKING SKILLS:
The student will make us of creative thinking, discussion making, and problem solving, knowing how to learn and reasoning. The student will also make use of class discussion and hands on applications.

WRITING SKILLS:
Each student will be assigned weekly assignments of short report writing or examples of professional writing as needed course and by the instructor.
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ADDENDUM A

PROFESSIONAL OBJECTIVES:

1. The student will be a member of the class even though it is a computer based or virtual classroom, and will exhibit professional behavior. Performance will be satisfactory if all the items on the following checklist are met:

   Do List
   Logs on to the course on a regular basis
   Participates in discussions and discussion boards
   Maintains a positive attitude and exhibits self-motivation

2. The student will be allowed references as needed. The student will have to provide all necessary fire prevention equipment or have access to it. Performance goals 1-5 will be satisfactory if consistent with course text. Satisfactory performance will be measured by and objective and/or applications exam and instructor observation.
INSTRUCTOR INFORMATION:

Marion B. “Ollie” Oliver, Assistant Professor/ Program Director Fire Protection Technology
Office: 156 TC
Phone: (432) 685-4663
Email: olliewon@midland.edu

Office Hours:
To be announced at the beginning of each semester

Mr. Curt Pervier; Dean of Technical Studies
Jennifer Constable: Division Secretary of Technical Studies
(432) 685-4676
FAX: (432) 685-6472

Students are encouraged to contact the instructor and or Program Director at any time; however, making an appointment will guarantee the instructors presence at a specific time.