Course Description:

This is part one of a series of courses (Midland Fire Academy) in basic preparation for a new firefighter. This course should be taken in conjunction with Firefighter Certification I, II, III, IV, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100. This course may be offered only by institutions certified training facility by the TCFP. Lab required. Prerequisites: Prerequisite: FIRS1419.

Successful completion of all requirements in each of the seven courses, as well as any requirements specified by the state of Texas, will allow students to take the Basic Firefighter Certification examination administered by the TCFP. Midland College is an approved training facility by TCFP for this purpose. This course is comprised of classroom education, hands-on training, and physical conditioning activities. All courses must be completed in the designated order from start to finish. Any student exiting the fire academy prior to successful completion of all seven courses will be required to re-apply for admission to start the fire academy again from the beginning.

Text, References, and Supplies:


Student study guide.

Hirst. *Exam Prep for Fire Fighter I and II* Jones and Bartlett Publishers

Supplies:

The student will be responsible for supplying all personal protective equipment (bunker gear). This will not be over two years old if it is used equipment, and they shall furnish and be responsible for all additional training materials required.

Student Learning Outcomes:

The following list of course goals will be addressed in the course. These goals are directly related to the performance objectives. Upon successful completion of the course, the student will do the following:

1. The student shall be able to identify each fire apparatus, be familiar with their uses and be able to demonstrate how to properly operate the apparatus.

2. The student shall successfully demonstrate how to pump fire service pumper trucks and be familiar with the operation of a fire service pump.

3. The student shall know how fire streams work, what makes the most efficient stream, and be able to perform the required mathematical hydraulic equations to arrive at the most effective stream for firefighting.
4. The student shall know the required means of communication to the public for teaching safety education to people of all ages. And be familiar with the fire safety.

Performance Objectives:

1. The student will exhibit professional behavior.

2. Performance will be satisfactory if all the items on the following checklist are met:
   - Attends class regularly
   - 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.

Student Contributions and Class Policies:

Each student will spend at least 20 hours per week in class, and 3 hours a week outside of class for each hour in class, keep current with student study guide, be alert in class, participate in class discussions, exhibit appropriate attitude toward class. Attendance is mandatory. Homework and progress quizzes will be given at the discretion of the instructor. Students will bring pencil and paper to class for note taking. The student will arrive on time and prepared for training each class. This will include all required equipment, books. The student will stay and participate in any clean-up of training facilities until released by the instructor.

Attendance

All times and dates are mandatory unless otherwise noted or stated by instructor. Students who arrive late or tardy and have not made previous arrangements or called in prior to class will be considered unexcused. Four unexcused tardies will equal one unexcused absence; four unexcused absences will be grounds for dismissal from the program. This is on a by semester accumulation only, each semester will start over on unexcused absences. Unexcused absence is defined as not previous notifying the instructor you will not be in class. Excused absence is an absence that the student has made prior arrangements with the instructor.

Evaluation of Students:

All evaluation of students will be by periodic quiz or major test. A final test will be given along with a skills test. All major test will be made up the week the test was given unless prior arrangements are made with the instructor. All grading will be by simple average of all grades, no weighting will be used.

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 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.

A = 90-100%
B = 80-89%
C = 70-79%
D = 60-69%
F = 0-59%

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. These conditions may include documented physical or educational disabilities. Please be aware that services or accommodations are not automatic. Each student must request them and secure the proper authorization/documentation.

Course Schedule:

This course will meet on Tuesday – Thursday from 6:00 – 10:00 p.m. and on Saturday from 8:00 a.m. – 12:00 p.m. and 1:00 – 5:00 p.m.

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