Course Description:

Analysis of the nature of fire problems and selection of initial strategies and tactics including an in-depth study of efficient and effective use of manpower and equipment to mitigate the emergency.

TEXT REFERENCES AND SUPPLIES:

Structural Fire Fighting; Benard J. “Ben” Klaene, Russell E. Sanders

COURSE GOALS & OBJECTIVES:

The following list of course goals will be addressed in the course. These goals are directly related to the performance objectives (Addendum A), and the selected text.

1. How to organize and co-ordinate and command emergency incidents
2. Value of Pre-incident planning, procedures and size-up
3. How to develop a Strategic plan
4. Fire fighter safety
5. The role of occupancy
6. Life Safety operations
7. Learn about fire protection systems
8. Learn Offensive operations
9. Defensive operations
10. Know about property conservation.
11. Know high-rise buildings.
STUDENT CONTRIBUTIONS AND POLICIES:
This is an on-line computer based instruction. Each student will spend a minimum of 3 hours per week logged into the course, will maintain a positive attitude, participate in the on-line class discussion, and will keep up with the required material while being an active motivated student. Each student is responsible for all texts, and required computer, and computer software.

EVALUATION OF STUDENTS:
There will be written assignment to evaluate students test or examinations will be at the discretion of the instructor. Grades issued will be according to Midland College grading policy:

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

COURSE SCHEDULE:
The student is required to log into Blackboard a minimum of three times per week for one hour each log in session. This will total at least three hours per week. This being a computer generated course there may not be any structured or required meeting times.
SCANS INFORMATION:
The following SCANS skill are taught and/or reinforced in this course.

INTERPERSONAL:
Works with other members of team, serves clients/customers, exercises leadership, and negotiates. Use case studies and hands on where applicable

MATHEMATICS/ARITHMETIC
Performs basic computations. Uses basic concepts, tables, graphics, diagrams, and charts. Uses case studies and hand on applications.

WRITING SKILLS
Writing at least one formal paper/major paper. This will be covered in as much as most tests will be of essay format.

PERSONAL QUALITIES
The student will display responsibility, self esteem, sociability, self management, integrity, and honesty.
ADDENDUM A

PERFORMANCE OBJECTIVES:
1. The student will be a member of FIRT 1331, regardless of the on-line status of the course, and will exhibit professional behavior at all times. Performance will be satisfactory if all the items on the following checklist are met:
   - Do List
   - Logs on to Blackboard regularly
   - Participates in online discussions
   - Maintains positive attitude,
   - Maintains course material.

2. The student will not be provided equipment for this course and therefore must assume responsibility of providing necessary equipment. Performance content goals and objectives previously listed will satisfactory if consistent with course text. Students will be responsible for at least one major paper of not less that 5 pages in length. Satisfactory performance will be measured by an objective and/or applications exam and instructor observation.
INSTRUCTOR INFORMATION:

M. B. Ollie Oliver, Assistant Professor/Program Director Fire Protection Technology
E-mail: olliewon@midland.edu

Office: 156 TC main campus
Phone: (432) 685-4663
Fax: (432) 685-6472
Office hours: As advertised per course.

Curt Pervier, Dean of Technical Studies
Jennifer Constable: Division Secretary Technical Studies
(432) 685-4676
Fax: (432) 685-6472

Students are encouraged to contact the instructor at anytime. Making an appointment ahead of time will guarantee the instructor’s availability at a specific time.