Course Description: The study of the philosophy, history and fundamentals of public and private fire protection. Topics include statistics of fire and property loss, agencies involved in public and private protection, legislative development, departmental organization, training, and staffing.


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).

1. Exhibit professional behavior.
2. Introduced to International Fire Service Training Association establishment.
3. Examine early traditions and history of fire services.
4. Compare extinguishing techniques.
5. Interpret Fire Laws & Ordinances.
6. Evaluate causes of fire.
8. Outline evolution of fire engine.
9. Discuss the Age of Steam.
10. Outline apparatus, equipment & procedure improvements.
12. Choose fire service as a career.
14. Discuss teamwork.
15. Examine sources of training.
17. Interpret Fire Fighter Certification.
18. Define Professional Qualifications Standards.
19. Explain Fire Fighter Image.
20. Examine physical fitness.
22. Explain Trade Organizations.
24. Inspect State/Provincial Organizations.
25. Analyze local organizations.
26. Address facilities & apparatuses of a Fire Department.
27. List five areas or components of fire departments.
28. Compare Fire Department Apparatuses.
29. Discuss warning of riding exterior of wild land fire apparatus.
30. Describe typical contents of apparatus bay.
31. Name four required components of any aerial ladder platform.
32. Examine other Special Units.
33. Discuss Fire Department Organization.
34. Introduced to principles of organization.
35. Inspect local government structure.
36. Examine types of Fire Departments.
37. Interpret Fire Department funding.
38. Outline most common type Two-, Three-, Four-platoon, work schedule systems.
39. Define policies & procedures.
40. List components of typical incident management system.
41. Examine Fire Department Planning.
42. Describe organization, & responsibilities of typical fire brigade.
43. Detect roles of Fire Department personnel.
44. Identify Fire Suppression (Operations) Personnel.
46. Examine Fire Prevention Personnel.
47. Outline Emergency Medical Services.
49. Check duties of other Fire Department Personnel.

Student Contributions, and Class Policies:
This is an online computer based training course. The student is required to log into Blackboard three times a week checking assignments, doing homework, and class information. The student must have access to the internet and must provide a current email address. The student is also required to purchase all required texts. All homework unless told otherwise will be turned in via the Blackboard system, or email. All papers will be turned in using the Turnitin software with in the Blackboard system.

Evaluation of Students:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Major tests</td>
<td>50%</td>
</tr>
<tr>
<td>Homework</td>
<td>50%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

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

Course Schedule:
This is an online computer based course; therefore there are not any scheduled class times. The student is required to log on at least three times as week checking on assignments, posting of announcements, and other class information.
SCANS Information:

The following SCANS skill are taught and/or reinforced in this course.

INFORMATION:
Acquires, evaluates, organizes, maintains, interprets and communicates information. This course will make use of case studies and applications.

LISTENING/SPEAKING:
Receives, attends to, interprets and responds to verbal messages. Communicates oral messages, participates in discussions, and group activities.

THINKING SKILLS:
Creative thinking, decision making, problem solving, knowing how to learn, and reasoning. Use class discussion and hands on application.

WRITING SKILLS:
Write at least one major paper on subject decided by instructor. This will be not less than four pages with bibliography.
MIDLAND COLLEGE
SYLLABUS
FIRT 1301
FUNDAMENTALS OF FIRE PROTECTION
3-0
Addendum A

Performance Objectives:

1. The student will be a member of Fire 1301. The student will exhibit professional behavior. Performance will be satisfactory if all the items on the following checklist are met.

   Do List
   - Attends class regularly
   - Participates in class
   - Maintains positive attitude

2. Unless stated otherwise, the student will be allowed references. The student will be provided with necessary fire prevention equipment. Performance for content goals 2-49 will be satisfactory if consistent with course text. Satisfactory performance will be measured by an objective and/or application exam and instructor observation.
MIDLAND COLLEGE  
SYLLABUS  
FIRT 1301  
FUNDAMENTALS OF FIRE PROTECTION  
3-0

Instructor Information:  
M. B. “Ollie” Oliver, Director/Instructor  
E-Mail: olliewon@midland.edu  
Room 156 TC  
Office:  
(432) 685-4663  
Fax: (432) 685-6472  
Office Hours:  
Hours to be posted each semester  

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 any time; however, making an appointment will guarantee the instructor’s availability at a specific time.