Course Description:
This course is an examination of building codes and requirements construction types, and building materials. Topics include walls, floorings, foundations, and various roof types and the associated dangers of each. These courses are required by the TCFP for inspector and investigator certifications.

Text, References, and Supplies:

BUILDING CONSTRUCTION FOR FIRE SERVICE,
Brannigan 3rd Edition.

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. Define the fundamental consideration and exploration of building construction and design with emphasis on fire resistance of materials and assemblies, exposure, and related data focused on fire protection concerns.
2. Perform a review of and list related statutory and suggested guideline, local, state and national.
3. Outline the Model Building Codes and Life Safety Codes and define their functions.

Student Contributions and Class Policies:

Each student will spend at least 3 hours per week in class, 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 should have pencil and paper available for note taking.
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.

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<th>Percentage</th>
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<tr>
<td>Home work</td>
<td>50%</td>
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<td>Major Exams</td>
<td>50%</td>
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<td>Total</td>
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- 90 and above: A
- 80-89: B
- 70-79: C
- 60-69: D
- 59 and below: F

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 required 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 use 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 use 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.
Instructor Information:
M. B. “Ollie” Oliver, Assistant Professor/ Program Director Fire Protection Technology
E-Mail:  olliewon@midland.edu

Room 156TC
(432) 685-4663
Fax: (432) 685-6472

Office Hours: Office hours to be announced each semester

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