FIRS 1301
Firefighter Certification I
Course Syllabus
3 Semester Credit Hours (3-1-0)

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Course Description:

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification II, III, IV, V, 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 TEXAS COMMISSION ON FIRE PROTECTION (TCFP) ***

This is part one of a series of seven courses (Midland College Fire Academy) designed to prepare students for a career in the fire service as an entry-level firefighter. 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 Texas Commission on Fire Protection (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.

PLEASE NOTE: Completion of Midland College degrees and/or certificates does not guarantee eligibility to take a certification/registry/licensure examination. The eligibility of each person is determined on an individual basis by the regulatory body of the specific discipline. If you have a conviction of a crime other than a minor traffic violation, physical or mental disability/illness, hospitalization/treatment for chemical dependency within the past five years, current intemperate use of drugs or alcohol or a previous denial of a licensure or action by a licensing authority, you will need to contact the specific regulatory body for an individual ruling. Some programs require a criminal background check and urine and drug screen.

Prerequisites:

Admission to Midland College

Approval of the Department Chair, Fire-EMS

Text, References, and Supplies:

- International Fire Service Training Association (2024). *Essentials of Fire Fighting Firefighter 1, Eighth Edition.* Fire Protection Publications, Oklahoma State University

  ISBN: 978-0-87939-718-0

- International Fire Service Training Association (2024). *Essentials of Fire Fighting Firefighter 2, Eighth Edition.* Fire Protection Publications, Oklahoma State University

  ISBN: 978-0-87939-830-9

- International Fire Service Training Association (2024). *Hazardous Materials for First Responders, Sixth Edition.* Fire Protection Publications, Oklahoma State University

  ISBN: 978-0-87939-757-9

Approved student uniform

Approved work-out clothing for physical conditioning activities

NFPA 1971 and NFPA 1851 compliant Structural Firefighting ensemble

Learning Outcomes:

Upon successful completion of all seven courses, students will be able to identify, describe, discuss, and/or apply the following theories, concepts, and/or skills:

Firefighter 1:

1. Introduction to the Fire Service and Firefighter Safety
2. Operational Scene Safety and Management
3. Communications
4. Building Construction
5. Fire Dynamics
6. Firefighter Personal Protective Equipment
7. Portable Fire Extinguishers

8. Ropes and Knots
9. Ground Ladders
10. Forcible Entry
11. Structural Search and Rescue
12. Tactical Ventilation
13. Fire Hose, Hose Operations, and Hose Streams
14. Fire Suppression
15. Overhaul, Property Conservation, and Scene Preservation
16. First Aid Provider

Firefighter 2:

1. Incident Scene Operations
2. Building Materials, Structural Collapse, and Effects of Fire Suppression
3. Technical Rescue Support and Vehicle Extrication Operations
4. Foam Fire Fighting, Liquid Fires, and Gas Fires
5. Fire Origin and Cause Determination
6. Maintenance and Testing Responsibilities
7. Community Risk Reduction

Hazardous Materials Awareness Level Personnel:

1. Introduction to Hazardous Materials
2. Recognize and Identify the Presence of Hazmat
3. Initiate Protective Actions

Hazardous Materials Operations Level Responders

1. Identify Potential Hazards
2. Identify Potential Hazards – Containers
3. Identify Criminal or Terrorist Activity
4. Planning the Initial Response
5. Incident Command System and Action Plan Implementation
6. Emergency Decontamination

Hazardous Materials Operation Mission-Specific Responders:

1. Personal Protective Equipment
2. Mass and Technical Decontamination
3. Detection, Monitoring, and Sampling
4. Product Control
5. Victim Rescue and Recovery
6. Evidence Preservation and Public Safety Sampling
7. Illicit Laboratory Incidents

Student Contributions:

Students are expected to actively participate in this class and meet stringent academic and attendance policies. Failure to meet these academic and/or attendance policies will result in student dismissal from this course and the fire academy.

Students are expected to comply with all policies published in the Midland College catalog. Instructor policies concerning academic requirements and attendance are within Midland College guidelines as published in the catalog. These policies specifically address expected student conduct, academic integrity, confidentiality, student grievances, incompletes, and other related matters. In general, students are expected to conduct themselves as responsible adults in a college setting. Respect for the ideas and opinions of others is expected. Cheating and plagiarism will not be tolerated.

Please read the Student Rights and Responsibilities section of the catalog:

Student Rights and Responsibilities - Midland College

The last day for withdrawal is published in the catalog. To drop a course, the student must complete an official withdrawal form

Academic Requirements and Information - Midland College

Evaluation of Students:

Students will be evaluated based on grades in the following categories and weights: You must achieve an average of 75% to pass this class

Chapter Quizzes:	35%
Chapter Tests:	35%
Unit Exams:	30%
Skills Evaluations:	Pass/Fail

Note:

- All Quizzes, Tests, Exams require a minimum of 75% to pass

- One re-test on each Unit Exam (including the Comprehensive Final) will be permitted
- Students must maintain a 75% overall average each 8-week sub-term to continue into the next 8-week sub-term.

Grading Scale:

A = 90-100%

B = 80-89%

C = 75-79%

D = 60-74%

F = 0-59%

ADA Statement:

Midland College is committed to helping students achieve their educational goals. MC helps students with documented disabilities achieve these goals through services including advising, accommodations, and referrals at all locations.

The Americans With Disabilities Act (ADA) and Section 504 of the Rehabilitation Act require that no otherwise qualified person with a disability be denied access to, or the benefits of, or be subjected to discrimination of any program or activity provided by an institution or entity receiving federal financial assistance. It is this Section 504 mandate that has promoted the development of disability support service programs in colleges and universities across the country. Sub-part E of Section 504 deals specifically with this mandate for institutions of higher education.

While it does not require development of special educational programming, for students with disabilities, it does require that an institution (public or private) be prepared to make appropriate academic adjustments and reasonable accommodations to allow the full participation of students with disabilities in the same programs and activities available to non-disabled students. Disabilities may include things such as physical/mobility problems such as paralysis or academic problems like learning disabilities. Some examples of accommodations are extra time for tests, testing in a quiet location, and providing architectural access to buildings.

Please follow link below for more information.

Accommodation Services

Instructor Information:

Norman (Matt) Hoppman

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Office hours posted on office door

Department Chair Information:

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Applied Technology Division Information:

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