



WACO, TEXAS

COURSE SYLLABUS

AND

INSTRUCTOR PLAN

Firefighter Certification V

FIRS 1323 75

Stephen Cook

NOTE: This is a 16-week course.

COVID 19 Notice:

McLennan Community College is committed to providing you with every resource you need to reach your academic goals including your safety. We will continue to monitor the evolving situation with COVID 19 and adjust our safety guidelines to make sure we offer a safe environment for you and our faculty. Please make sure to consult your faculty and the MCC website at <https://www.mclennan.edu/crisis-management/coronavirus-updates/index.html> on any changes to these guidelines.

AN EQUAL OPPORTUNITY INSTITUTION

Spring 2023

Firefighter Certification V

FIRS 1323 75

Course Description:

One in a series of courses in basic preparation for a new firefighter. 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 TEXAS COMMISSION ON FIRE PROTECTION (TCFP) ***

Prerequisites and/or Corequisites:

Firefighter Certification I, II, III, IV, VI, and VII and Physical Conditioning for Firefighters

Course Notes and Instructor Recommendations:

This course will be taught face to face using social distancing recommendations, but may be adjusted depending upon requirements from the college, county and state.

Instructor Information:

Instructor Name: Stephen Cook

MCC Email: scook@mclennan.edu

Office Phone Number: 254-299-6511 Cell 254-717-8931

Office Location: ESEC 133

Office/Teacher Conference Hours: By appointment

Other Instruction Information: Zoom meeting room is 2547178931

Required Text & Materials:

Title: Fundamentals of Fire Fighter Skills and Hazardous Materials Response

Author: Multiple

Edition: 4th

Publisher: Jones & Bartlett

ISBN-13: 978-1284151336

ISBN-10: 1284151336

Title: 2020 Emergency Response Guidebook

Author: Multiple

Edition: 2020

Publisher: Department of Transportation

ISBN: 978-1680080742

Title: Hazardous Materials for First Responders

Author: Leslie Miller

Edition: 5th

Publisher: International Fire Service Training Association

ISBN: 978-0-87939-613-8

MCC Bookstore Website: <http://www.mclennan.edu/bookstore/>

Methods of Teaching and Learning:

Lecture, hands on training, simulations, and online training through the Brightspace system.

Course Objectives and/or Competencies:

All objectives from the Texas Commission on Fire Protection Courses Chapter 1 and Chapter 6 (Awareness and Operations), plus skills for Firefighter I and II, Hazardous Materials Awareness, Operations, and Mission Specific skills. Complete references are at:

<https://www.tcfp.texas.gov/services/manuals/curriculum-manual>

Course Outline or Schedule:

Schedule is attached at end of document. Students will be informed by the instructor prior to any changes, face to face.

Course Grading Information:

Courses will be graded on the basis of major tests, homework assignments, and skills testing. Students must maintain an 80 average in the class, and must pass both the firefighting and hazardous materials portions independently of each other. Students must also pass the midterm and final with a minimum score of 70.

Performance skills are all pass/fail, and do not affect the GPA. The Commission on Fire Protection has multiple required skills examinations. Each student is given three attempts to pass the skill. Students who fail all three attempts are dismissed from the program.

Late Work, Attendance, and Make Up Work Policies:

Cadets may not miss more than 40 hours of class time.

Any cadet who will be late or absent either at the beginning of the work day or returning from lunch will call off by phone and report to the duty instructor upon his or her return. All absences are deducted from sick leave. Text information to 254-717-8931

Any cadet missing more than 40 hours of class time will be dropped from the program.

Cadets missing homework assignments will be given one week to make up the assignment, but shall have to do physical training, pushups or towers, for each day the assignment is late. Cadets missing major tests shall make up the test upon their return to class.

Student Behavioral Expectations or Conduct Policy:

Students are expected to display professional conduct. Students caught cheating will be dismissed from the program. Students must follow all MCC conduct policies.

[Click Here for the MCC Attendance/Absences Policy](https://www.mclennan.edu/highlander-guide/policies.html)

(<https://www.mclennan.edu/highlander-guide/policies.html>)

Click on the link above for the college policies on attendance and absences. Your instructor may have additional guidelines specific to this course.

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| Date | Day | Shift | Chapter | Subject | Skills | Tests |
|------|-----|-------|-----------|--|--|-----------------------|
| 1/9 | Mon | C | | Introduction | | |
| 1/10 | Tue | A | CH 1 | The Fire Service | 20 FD Org. & Standards | |
| 1/11 | Wed | B | CH 2 | FF Health and Safety | 13 Use of safety equipment while riding on apparatus 14 Safely working in protected areas | |
| 1/12 | Thu | C | CH 3 | Personal Protective Equipment | | |
| 1/13 | Fri | A | CH 3 | Personal Protective Equipment | 21 Inspection of PPE 22 Donning & Doffing of PPE | |
| 1/14 | Sat | B | | | | |
| 1/15 | Sun | C | | | | |
| 1/16 | Mon | A | | Holiday | | Test 1, Chapters 1, 2 |
| 1/17 | Tue | B | CH 3 | Personal Protective Equipment | 16 Donning SCBA 16 Replacing cylinder 25 Inspect SCBA | |
| 1/18 | Wed | C | CH 3 | Personal Protective Equipment | 16 SCBA restricted passage 16 SCBA failure | |
| 1/19 | Thu | A | CH 4 | Communications | 1 Radio 1 Phone | |
| 1/20 | Fri | B | CH 18, 20 | Firefighter Survival Firefighter Rehabilitation | | |
| 1/21 | Sat | C | | | | |

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| Date | Day | Shift | Chapter | Subject | Skills | Tests |
|-------------|-----|-------|---------|---------------------------------------|--|-------------------------------------|
| 1/22 | Sun | A | | | | |
| 1/23 | Mon | B | CH 5 | Fire Behavior | | Test 2, Chapters 3, 4 |
| 1/24 | Tue | C | CH 6 | Building Construction | | |
| 1/25 | Wed | A | CH 7 | Portable Fire Extinguishers | 2 Extinguishers | |
| 1/26 | Thu | B | CH 8 | Firefighter Tools and Equipment | 25 Hand tools | |
| 1/27 | Fri | C | CH 9 | Ropes and Knots | | |
| 1/28 | Sat | A | | | | |
| 1/29 | Sun | B | | | | |
| 1/30 | Mon | C | CH 9 | Ropes and Knots | 23 Hoist axe 23 Hoist pike pole 23 Hoist ladder 23 Hoist charged hoseline 23 Hoist uncharged hoseline 23 Hoist exhaust fan 23 Hoist chain saw | Test 3, Chapters 18, 20, 5, 6 |
| 1/31 | Tue | A | CH 10 | Forcible Entry | | |
| 2/1 | Wed | B | CH 10 | Forcible Entry | 3 Force window 3 Force door 3 Breach wall | |
| 2/2 | Thu | C | CH 11 | Ladders | 25 Ladders (inspect) | |
| 2/3 | Fri | A | | Ladders | 4 Single ladder raise 4 Extension ladder raise | |
| 2/4 | Sat | B | | | | |
| 2/5 | Sun | C | | | | |

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|-------------|-----|-------|-----------|--|---|------------------------------|
| 2/6 | Mon | A | | Ladders | 4 Ladder rescue 4 Ladder work with hand tools | Test 4, Chapters 7, 8, 9, 10 |
| 2/7 | Tue | B | CH 12 | Search and Rescue | | |
| 2/8 | Wed | C | | Search and Rescue | Drags and carries Rescue FF with functioning respiratory protection Rescue FF with non-functioning respiratory protection | |
| 2/9 | Thu | A | CH 13 | Ventilation | | |
| 2/10 | Fri | B | CH 13 | Ventilation | 18 Horizontal Ventilation 18 Vertical Ventilation | |
| 2/11 | Sat | C | | | | |
| 2/12 | Sun | A | | | | |
| 2/13 | Mon | B | CH 14, 15 | Water Supply Fire Hose, Applicances and Nozzles | | Test 5, Chapters 11, 12, 13 |
| 2/14 | Tue | C | CH 16 | Supply Line and Attack Line Evolutions | | |
| 2/15 | Wed | A | | | | |
| 2/16 | Thu | B | | | | |
| 2/17 | Fri | C | | | | |
| 2/18 | Sat | A | | | | |
| 2/19 | Sun | B | | | | |

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|-------------|-----|-------|---------|---------------------------------------|----------------------|---------------------------------|
| 2/20 | Mon | C | CH 17 | Fire Suppression | | Test 6, Chapters 14, 15, 16 |
| 2/21 | Tue | A | CH 19 | Salvage and Overhaul | | |
| 2/22 | Wed | B | | Live Fire | Grade level fire | |
| 2/23 | Thu | C | CH 21 | Wildland and Ground Fires | | |
| 2/24 | Fri | A | | Live Fire | Above grade fire | |
| 2/25 | Sat | B | | | | |
| 2/26 | Sun | C | | | | |
| 2/27 | Mon | A | | | | Test 7, Chapters 17, 18, 19, 21 |
| 2/28 | Tue | B | | Live Fire | Below grade fire | |
| 3/1 | Wed | C | | Review | | |
| 3/2 | Thu | A | | Review | | |
| 3/3 | Fri | B | | State Test FF1, NFIRS | Incident Report Form | |
| 3/4 | Sat | C | | | | Final FF-1 |
| 3/5 | Sun | A | | | | |
| 3/6 | Mon | B | | | | |
| 3/7 | Tue | C | | | | |
| 3/8 | Wed | A | | | | |
| 3/9 | Thu | B | | | | |
| 3/10 | Fri | C | | | | |
| 3/11 | Sat | A | | | | |
| 3/12 | Sun | B | | | | |
| 3/13 | Mon | C | CH 22 | Establishing and Transferring Command | | |

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|------|-----|-------|---------|--|--|---------------------------------------|
| 3/14 | Tue | A | CH 23 | Advanced Fire Suppression | | |
| 3/15 | Wed | B | CH 24 | Vehicle Rescue and Extrication | | |
| 3/16 | Thu | C | | Drill Field exercises | Hose test, Maintenance, Prefire Plan | |
| 3/17 | Fri | A | | | | |
| 3/18 | Sat | B | | Vehicle Rescue | Practical | |
| 3/19 | Sun | C | | | | Test 1, (CH 22, 23) 100 Questions |
| 3/20 | Mon | A | CH 25 | Assisting Special Rescue Teams | | |
| 3/21 | Tue | B | | High angle | | |
| 3/22 | Wed | C | CH 26 | Fire Detection, Suppression, and Smoke Control Systems | | |
| 3/23 | Thu | A | CH 27 | Fire and Life Safety Initiatives | | Test 2, (CH 24) 50 Questions |
| 3/24 | Fri | B | CH 28 | Fire Origin and Cause | | |
| 3/25 | Sat | C | | | | |
| 3/26 | Sun | A | | | | |
| 3/27 | Mon | B | | Live Fire | Coordinate an Interior attack Gas cylinder | Test 3, (CH 25, 26, 27) 150 Questions |
| 3/28 | Tue | C | | Live Fire | Ignitable liquid fire, foam | |
| 3/29 | Wed | A | | Review | | |
| 3/30 | Thu | B | | Live Fire | Flashover chamber | |
| 3/31 | Fri | C | | | | |
| 4/1 | Sat | A | | | | Test 4, (CH 28, Review) 100 Questions |

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| 4/2 | Sun | B | | | | |
| 4/3 | Mon | C | | | Review | FF-II Final, 128 Questions |
| 4/4 | Tue | A | | | Review | |
| 4/5 | Wed | B | | | Start Hazmat in afternoon | |
| 4/6 | Thu | C | CH 01 | Introduction to Hazardous Materials | | |
| 4/7 | Fri | A | | Good Friday | | |
| 4/8 | Sat | B | | | | |
| 4/9 | Sun | C | | | | |
| 4/10 | Mon | A | CH 02 | Recognizing and Identifying Presence of Hazardous Materials | | |
| 4/11 | Tue | B | CH 03 | Awareness Level Actions at Hazmat Incidents | HM Awareness Skill | |
| 4/12 | Wed | C | CH 04 | Identifying Potential Hazards | | |
| 4/13 | Thu | A | CH 05 | Predicting Behavior and Identifying Hazards | | |
| 4/14 | Fri | B | CH 06 | Identifying Action Options | | |
| 4/15 | Sat | C | | | | |
| 4/16 | Sun | A | | | | |
| 4/17 | Mon | B | CH 07 | Incident Management | | |
| 4/18 | Tue | C | CH 08 | Terrorist Attacks | | |
| 4/19 | Wed | A | CH 09 | PPE | | |
| 4/20 | Thu | B | CH 10 | Decontamination | | |

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|-------------|-----|-------|---------|---------|---------------------------|-------|
| 4/21 | Fri | C | | | Hazmat Ops Skills | |
| 4/22 | Sat | A | | | | |
| 4/23 | Sun | B | | | | |
| 4/24 | Mon | C | | | State Skills Test, Review | |
| 4/25 | Tue | A | | | Review | |
| 4/26 | Wed | B | | | AW/Ops Final, Review | |
| 4/27 | Thu | C | | | Review | |
| 4/28 | Fri | A | | | State Test AW/OPS | |

Updated 11/04/2022

McLennan
C O M M U N I T Y
COLLEGE

ACADEMIC RESOURCES/POLICIES

Accommodations/ADA Statement:

Any student who is a qualified individual with a disability may request reasonable accommodations to assist with providing equal access to educational opportunities. Students should contact the Accommodations Coordinator as soon as possible to provide documentation and make necessary arrangements. Once that process is completed, appropriate verification will be provided to the student and instructor. Please note that instructors are not required to provide classroom accommodations to students until appropriate verification has been provided by the Accommodations Coordinator. For additional information, please visit www.mclennan.edu/disability.

Students with questions or who require assistance with disabilities involving physical, classroom, or testing accommodations should contact:

disabilities@mclennan.edu 254-299-
8122
Room 319, Student Services Center

Title IX:

We care about your safety, and value an environment where students and instructors can successfully teach and learn together. If you or someone you know experiences unwelcomed behavior, we are here to help. Individuals who would like to report an incident of sexual misconduct are encouraged to immediately contact the acting Title IX Coordinator at titleix@mclennan.edu or by calling, Dr. Claudette Jackson, (Diversity, Equity & Inclusion/Title IX) at (254) 299-8465. MCC employees are mandatory reporters and must report incidents immediately to the Title IX Coordinator. Individuals may also contact the MCC Police Department at (254) 299-8911 or the MCC Student Counseling Center at (254) 299-8210. The MCC Student Counseling Center is a confidential resource for students. Any student or employee may report sexual harassment anonymously by visiting <http://www.lighthouse-services.com/mclennan/>.

Go to McLennan's Title IX webpage at www.mclennan.edu/titleix/. It contains more information about definitions, reporting, confidentiality, resources, and what to do if you or someone you know is a victim of sexual misconduct, gender-based violence or the

crimes of rape, acquaintance rape, sexual assault, sexual harassment, stalking, dating violence, or domestic violence.

Student Support/Resources:

MCC provides a variety of services to support student success in the classroom and in your academic pursuits to include counseling, tutors, technology help desk, advising, financial aid, etc. A listing of these and the many other services available to our students is available at <http://www.mclennan.edu/campus-resource-guide/>

Academic Support and Tutoring is here to help students with all their course-related needs. Specializing in one-on-one tutoring, developing study skills, and effectively writing essays. Academic Support and Tutoring can be found in the Library and main floor of the Learning Commons. This service is available to students in person or through Zoom from 7:30 am - 6:00 pm Monday through Thursday and 7:30 am - 5:00 pm on Friday. You can contact the Academic Support and Tutoring team via Zoom (<https://mclennan.zoom.us/j/2542998500>) or email (ast@mclennan.edu) during the above mentioned times.

College personnel recognize that food, housing, and transportation are essential for student success. If you are having trouble securing these resources or want to explore strategies for balancing life and school, we encourage you to contact either MCC CREW – Campus Resources Education Web by calling (254) 299-8561 or by emailing crew@mclennan.edu or a Success Coach by calling (254) 299-8226 or emailing SuccessCoach@mclennan.edu. Both are located in the Completion Center located on the second floor of the Student Services Center (SSC) which is open Monday-Friday from 8 a.m.-5 p.m.

Paulanne's Pantry (MCC's food pantry) provides free food by appointment to students, faculty and staff. To schedule an appointment, go to https://mclennan.co1.qualtrics.com/jfe/form/SV_07byXd7eB8iTqJg. Both the Completion Center and Paulanne's Pantry are located on the second floor of the Student Services Center (SSC).

MCC Foundation Emergency Grant Fund:

Unanticipated expenses, such as car repairs, medical bills, housing, or job loss can affect us all. Should an unexpected expense arise, the MCC Foundation has an emergency grant fund that may be able to assist you. Please go to <https://www.mclennan.edu/foundation/scholarships-and-resources/emergencygrant.html> to find out more about the emergency grant. The application can be found at https://www.mclennan.edu/foundation/docs/Emergency_Grant_Application.pdf.

MCC Academic Integrity Statement:

Go to www.mclennan.edu/academic-integrity for information about academic integrity, dishonesty, and cheating.

Minimum System Requirements to Utilize MCC's D2L|Brightspace:

Go to <https://www.mclennan.edu/center-for-teaching-and-learning/Faculty-andStaffCommons/requirements.html> for information on the minimum system requirements needed to reliably access your courses in MCC's D2L|Brightspace learning management system.

Minimum Technical Skills:

Students should have basic computer skills, knowledge of word processing software, and a basic understanding of how to use search engines and common web browsers.

Backup Plan for Technology:

In the event MCC's technology systems are down, you will be notified via your MCC student email address. Please note that all assignments and activities will be due on the date specified in the Instructor Plan, unless otherwise noted by the instructor.

Email Policy:

McLennan Community College would like to remind you of the policy (<http://www.mclennan.edu/employees/policy-manual/docs/E-XXXI-B.pdf>) regarding college email. All students, faculty, and staff are encouraged to use their McLennan email addresses when conducting college business.

A student's McLennan email address is the preferred email address that college employees should use for official college information or business. Students are expected to read and, if needed, respond in a timely manner to college emails. For more information about your student email account, go to www.mclennan.edu/studentemail.

Instructional Uses of Email:

Faculty members can determine classroom use of email or electronic communications. Faculty should expect and encourage students to check the college email on a regular basis. Faculty should inform students in the course syllabus if another communication method is to be used and of any special or unusual expectations for electronic communications.

If a faculty member prefers not to communicate by email with their students, it should be reflected in the course syllabus and information should be provided for the preferred form of communication.

Email on Mobile Devices:

The College recommends that you set up your mobile device to receive McLennan emails. If you need assistance with set-up, you may email Helpdesk@mclennan.edu for help.

You can find help on the McLennan website about connecting your McLennan email account to your mobile device:

- [Email Setup for iPhones and iPads](#)
- [Email Setup for Androids](#)

Forwarding Emails:

You may forward emails that come to your McLennan address to alternate email addresses; however, the College will not be held responsible for emails forwarded to an alternate address that may be lost or placed in junk or spam filters.

For more helpful information about technology at MCC, go to [MCC's Tech Support Cheat Sheet](#) or email helpdesk@mclennan.edu.

Disclaimer:

The resources and policies listed above are merely for informational purposes and are subject to change without notice or obligation. The College reserves the right to change policies and other requirements in compliance with State and Federal laws. The provisions of this document do not constitute a contract.