

MI F.F.T.C. Basic Fire Level I

FIRE-101

Spring 2021 Section All 10 Credits 02/01/2021 to 05/07/2021 Modified 12/16/2020

Description

Level I is basic training required for all firefighters in the State of Michigan. Training is certified by the Michigan Fire Fighters Training Council and includes the basics of fire suppression, apparatus operation, life safety, and physical fitness. (F,Sp)

Requisites

Prerequisite Courses: None. Department Approval is required.

Placement Scores: None

Co-requisite Course(s): FIRE 102 and PFFT 119

Contact Hours

Lecture	96	Lab	128	Other	0	Total Hrs	224
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Student Learning Outcomes

Upon successful completion of this course, students should be able to:

5.1 GENERAL

For qualification at Level I, the fire fighter candidate shall meet the general knowledge requirements in 5.1.1; the general skill requirements in 5.1.2; the JPRs defined in Sections 5.2 through 5.5 of this standard; and the requirements defined in Chapter 5, Core Competencies for Operations Level Responders, and Section 6.6, Mission-Specific Competencies: Product Control, of NFPA 472, *Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents*.

5.1.1 General Knowledge Requirements. The organization of the fire department; the role of the Fire Fighter I in the organization; the mission of fire service; the fire department's standard operating procedures (SOPs) and rules and regulations as they apply to the Fire Fighter I; the value of fire and life safety initiatives in support of the fire department mission and to reduce fire fighter line-of-duty injuries and fatalities; the role of other agencies as they relate to the fire department; aspects of the fire department's member assistance program; the importance of physical fitness and a healthy lifestyle to the performance of the duties of a fire fighter; the critical aspects of [NFPA 1500 \(http://codesonline.nfpa.org.lcc.idm.oclc.org/a/c.ref/NFC1500/book\)](http://codesonline.nfpa.org.lcc.idm.oclc.org/a/c.ref/NFC1500/book), *Standard on Fire Department Occupational Safety and Health Program*.

5.1.2 General Skill Requirements. The ability to don personal protective clothing, doff personal protective clothing and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standard or code materials.

5.2 FIRE DEPARTMENT COMMUNICATIONS

This duty shall involve initiating responses, receiving telephone calls, and using fire department communications equipment to correctly relay verbal or written information, according to the JPRs in 5.2.1 through 5.2.3.

5.2.1 Initiate the response to a reported emergency, given the report of an emergency, fire department SOPs, and communications equipment, so that all necessary information is obtained, communications equipment is operated correctly, and the information is

relayed promptly and accurately to the dispatch center.

(A) Requisite Knowledge: Procedures for reporting an emergency, departmental SOPs for taking and receiving alarms, radio codes or procedures, and information needs of dispatch center.

(B) Requisite Skills: The ability to operate fire department communications equipment, relay information, and record information.

5.2.2 Receive a telephone call, given a fire department phone, so that procedures for answering the phone are used and the caller's information is relayed.

(A) Requisite Knowledge: Fire department procedures for answering non-emergency telephone calls.

(B) Requisite Skills: The ability to operate fire station telephone and intercom equipment.

5.2.3 Transmit and receive messages via the fire department radio, given a fire department radio and operating procedures, so that the information is accurate, complete, clear, and relayed within the time established by the AHJ.

(A) Requisite Knowledge: Departmental radio procedures and etiquette for routine traffic, emergency traffic, and emergency evacuation signals.

(B) Requisite Skills: The ability to operate radio equipment and discriminate between routine and emergency traffic.

5.2.4 Activate an emergency call for assistance, given vision-obscured conditions, PPE, and department SOPs, so that the fire fighter can be located and rescued.

(A) Requisite Knowledge: Personnel accountability systems, emergency communication procedures, and emergency evacuation methods.

(B) Requisite Skills: The ability to initiate an emergency call for assistance in accordance with the AHJ's procedures, the ability to use other methods of emergency calls for assistance.

5.3 FIREGROUND OPERATIONS

This duty shall involve performing activities necessary to ensure life safety, fire control, and property conservation, according to the JPRs in 5.3.1 through 5.3.20.

5.3.1 Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion.

(A) Requisite Knowledge. Conditions that require respiratory protection, uses and limitations of SCBA, components of SCBA, donning procedures, breathing techniques, indications for and emergency procedures used with SCBA, and physical requirements of the SCBA wearer.

(B) Requisite Skills: The ability to control breathing, replace SCBA air cylinders, use SCBA to exit through restricted passages, initiate and complete emergency procedures in the event of SCBA failure or air depletion, and complete donning procedures.

5.3.2 Respond on apparatus to an emergency scene, given personal protective clothing and other necessary personal protective equipment, so that the apparatus is correctly mounted and dismounted, seat belts are used while the vehicle is in motion, and other personal protective equipment is correctly used.

(A) Requisite Knowledge: Mounting and dismounting procedures for riding fire apparatus, hazards and ways to avoid hazards associated with riding apparatus, prohibited practices, and types of department protective equipment and the means for usage.

(B) Requisite Skills: The ability to use each piece of provided safety equipment.

5.3.3 Establish and operate in work areas at emergency scenes, given protective equipment, traffic and scene control devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, an assignment, and SOPs, so that procedures are followed, protective equipment is worn, protected work areas are established as directed using traffic and scene control devices, and the fire fighter performs assigned tasks only in established, protected work areas.

(A) Requisite Knowledge: Potential hazards involved in operating on emergency scenes including vehicle traffic, utilities, and environmental conditions; proper procedures for dismounting apparatus in traffic; procedures for safe operation at emergency scenes; and the protective equipment available for members' safety on emergency scenes and work zone designations.

(B) Requisite Skills: The ability to use personal protective clothing, deploy traffic and scene control devices, dismount apparatus, and operate in the protected work areas as directed.

5.3.4 Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as

designed, the barrier is removed, and the opening is in a safe condition and ready for entry.

(A) Requisite Knowledge: Basic construction of typical doors, windows, and walls within the department's community or service area; operation of doors, windows, and locks; and the dangers associated with forcing entry through doors, windows, and walls.

(B) Requisite Skills: The ability to transport and operate hand and power tools and to force entry through doors, windows, and walls using assorted methods and tools.

5.3.5 Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained.

(A) Requisite Knowledge: Personnel accountability systems, communication procedures, emergency evacuation methods, what constitutes safe haven, elements that create or indicate a hazard, and emergency procedures for loss of air supply.

(B) Requisite Skills: The ability to operate as a team member in vision-obscured conditions, locate and follow a guideline, conserve air supply, and evaluate areas for hazards and identify a safe haven.

5.3.6 Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished.

(A) Requisite Knowledge: Parts of a ladder, hazards associated with setting up ladders, what constitutes a stable foundation for ladder placement, different angles for various tasks, safety limits to the degree of angulation, and what constitutes a reliable structural component for top placement.

(B) Requisite Skills: The ability to carry ladders, raise ladders, extend ladders and lock flies, determine that a wall and roof will support the ladder, judge extension ladder height requirements, and place the ladder to avoid obvious hazards.

5.3.7 Attack a passenger vehicle fire operating as a member of a team, given personal protective equipment, attack line, and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are overhauled, and the fire is extinguished.

(A) Requisite Knowledge: Principles of fire streams as they relate to fighting automobile fires; precautions to be followed when advancing hose lines toward an automobile; observable results that a fire stream has been properly applied; identifying alternative fuels and the hazards associated with them; dangerous conditions created during an automobile fire; common types of accidents or injuries related to fighting automobile fires and how to avoid them; how to access locked passenger, trunk, and engine compartments; and methods for overhauling an automobile.

(B) Requisite Skills: The ability to identify automobile fuel type; assess and control fuel leaks; open, close, and adjust the flow and pattern on nozzles; apply water for maximum effectiveness while maintaining flash fire protection; advance 38 mm (1 1/2 in.) larger diameter attack lines; and expose hidden fires by opening all automobile compartments.

5.3.8 Extinguish fires in exterior Class A materials, given fires in stacked or piled and small unattached structures or storage containers that can be fought from the exterior, attack lines, hand tools and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished, and signs of the origin area(s) and arson are preserved.

(A) Requisite Knowledge: Types of attack lines and water streams appropriate for attacking stacked, piled materials and outdoor fires; dangers-such as collapse-associated with stacked and piled materials; various extinguishing agents and their effect on different material configurations; tools and methods to use in breaking up various types of materials; the difficulties related to complete extinguishment of stacked and piled materials; water application methods for exposure protection and fire extinguishment; dangers such as exposure to toxic or hazardous materials associated with storage building and container fires; obvious signs of origin and cause; and techniques for the preservation of fire cause evidence.

(B) Requisite Skills: The ability to recognize inherent hazards related to the material's configuration, operate hand-lines or master streams, break up material using hand tools and water streams, evaluate for complete extinguishment, operate hose lines and other water application devices, evaluate and modify water application for maximum penetration, search for and expose hidden fires, assess patterns for origin determination and evaluate for complete extinguishment.

5.3.9 Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hose lines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety-including respiratory protection-is not compromised.

(A) Requisite Knowledge: Use of forcible entry tools during rescue operations, ladder operations for rescue, psychological effects of operating in obscured conditions and ways to manage them, methods to determine if an area is tenable, primary and secondary

search techniques, team members' roles and goals, methods to use and indicators of finding victims, victim removal methods (including various carries), and considerations related to respiratory protection.

(B) Requisite Skills: The ability to use SCBA to exit through restricted passages, set up and use different types of ladders for various types of rescue operations, rescue a fire fighter with functioning respiratory protection, rescue a fire fighter whose respiratory protection is not functioning, rescue a person who has no respiratory protection, and assess areas to determine tenability.

5.3.10 Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control.

(A) Requisite Knowledge: Principles of fire streams; types, design, operation, nozzle pressure effects, and flow capabilities of nozzles; precautions to be followed when advancing hose lines to a fire; observable results that a fire stream has been properly applied; dangerous building conditions created by fire; principles of exposure protection; potential long-term consequences of exposure to products of combustion; physical states of matter in which fuels are found; common types of accidents or injuries and their causes; and the application of each size and type of attack line, the role of the backup team in fire attack situations, attack and control techniques for grade level and above and below grade levels, and exposing hidden fires.

(B) Requisite Skills: The ability to prevent water hammers when shutting down nozzles; open, close, and adjust nozzle flow and patterns; apply water using direct, indirect, and combination attacks; advance charged and uncharged 1 1/2 in. (38 mm) diameter or larger hose lines up ladders and up and down interior and exterior stairways; extend hose lines; replace burst hose sections; operate charged hose lines of 1 1/2 in. (38 mm) diameter or larger while secured to a ground ladder; couple and uncouple various handline connections; carry hose; attack fires at grade level and above and below grade levels; and locate and suppress interior wall and subfloor fires.

5.3.11 Perform horizontal ventilation on a structure operating as part of a team, given an assignment, personal protective equipment, ventilation tools, equipment, and ladders, so that the ventilation openings are free of obstructions, tools are used as designed, ladders are correctly placed, ventilation devices are correctly placed, and the structure is cleared of smoke.

(A) Requisite Knowledge: The principles, advantages, limitations, and effects of horizontal, mechanical, and hydraulic ventilation; safety considerations when venting a structure; fire behavior in a structure; the products of combustion found in a structure fire; the signs, causes, effects, and prevention of back-drafts; and the relationship of oxygen concentration to life safety and fire growth.

(B) Requisite Skills: The ability to transport and operate ventilation tools and equipment and ladders, and to use safe procedures for breaking window and door glass and removing obstructions.

5.3.12 Perform vertical ventilation on a structure as part of a team, given an assignment, personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished.

(A) Requisite Knowledge: The methods of heat transfer; the principles of thermal layering within a structure on fire; the techniques and safety precautions for venting flat roofs, pitched roofs, and basements; basic indicators of potential collapse or roof failure; the effects of construction type and elapsed time under fire conditions on structural integrity; and the advantages and disadvantages of vertical and trench/strip ventilation.

(B) Requisite Skills: The ability to transport and operate ventilation tools and equipment; hoist ventilation tools to a roof; cut roofing and flooring materials to vent flat roofs, pitched roofs, and basements; sound a roof for integrity; clear an opening with hand tools; select, carry, deploy, and secure ground ladders for ventilation activities; deploy roof ladders on pitched roofs while secured to a ground ladder; and carry ventilation-related tools and equipment while ascending and descending ladders.

5.3.13 Overhaul a fire scene, given personal protective equipment, attack line, hand tools, a flashlight, and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished.

(A) Requisite Knowledge: Types of fire attack lines and water application devices most effective for overhaul, water application methods for extinguishment that limit water damage, types of tools and methods used to expose hidden fire, dangers associated with overhaul, obvious signs of area of origin or signs of arson, and reasons for protection of fire scene.

(B) Requisite Skills: The ability to deploy and operate an attack line; remove flooring, ceiling, and wall components to expose void spaces without compromising structural integrity; apply water for maximum effectiveness; expose and extinguish hidden fires in walls, ceilings, and sub-floor spaces; recognize and preserve obvious signs of area of origin and arson; and evaluate for complete

extinguishment.

5.3.14 Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage.

(A) **Requisite Knowledge:** The purpose of property conservation and its value to the public, methods used to protect property, types of and uses for salvage covers, operations at properties protected with automatic sprinklers, how to stop the flow of water from an automatic sprinkler head, identification of the main control valve on an automatic sprinkler system, forcible entry issues related to salvage, and procedures for protecting possible areas of origin and potential evidence.

(B) **Requisite Skills:** The ability to cluster furniture; deploy covering materials; roll and fold salvage covers for reuse; construct water chutes and catch-alls; remove water; cover building openings, including doors, windows, floor openings, and roof openings; separate, remove and relocate charred materials to a safe location while protecting the area of origin for cause determination; stop the flow of water from a sprinkler with sprinkler wedges or stoppers; and operate a main control valve on an automatic sprinkler system.

5.3.15 Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed.

(A) **Requisite Knowledge:** Loading and off-loading procedures for mobile water supply apparatus; fire hydrant operation; and suitable static water supply sources, procedures, and protocol for connecting to various water sources.

(B) **Requisite Skills:** The ability to hand lay a supply hose, connect and place hard suction hose for drafting operations, deploy portable water tanks as well as the equipment necessary to transfer water between and draft from them, make hydrant-to-pumper hose connections for forward and reverse lays, connect supply hose to a hydrant, and fully open and close the hydrant.

5.3.16 Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.

(A) **Requisite Knowledge:** The classifications of fire; the types of, rating systems for, and risks associated with each class of fire; and the operating methods of and limitations of portable extinguishers.

(B) **Requisite Skills:** The ability to operate portable fire extinguishers, approach fire with portable fire extinguishers, select an appropriate extinguisher based on the size and type of fire, and safely carry portable fire extinguishers.

5.3.17 Illuminate the emergency scene, given fire service electrical equipment and an assignment, so that designated areas are illuminated and all equipment is operated within the manufacturer's listed safety precautions.

(A) **Requisite Knowledge:** Safety principles and practices, power supply capacity and limitations, and light deployment methods.

(B) **Requisite Skills:** The ability to operate department power supply and lighting equipment, deploy cords and connectors, reset ground-fault interrupter (GFI) devices, and locate lights for best effect.

5.3.18 Turn off building utilities, given tools and an assignment, so that the assignment is safely completed.

(A) **Requisite Knowledge:** Properties, principles, and safety concerns for electricity, gas, and water systems; utility disconnected methods and associated dangers; and use of required safety equipment.

(B) **Requisite Skills:** The ability to identify utility control devices, operate control valves or switches, and assess for related hazards.

5.3.19 Combat a ground cover fire operating as a member of a team, given protective clothing, SCBA if needed, hose lines, extinguishers or hand tools, and an assignment, so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when warranted, and the assignment is completed.

(A) **Requisite Knowledge:** Types of ground cover fires, parts of ground cover fires, methods to contain or suppress, and safety principles and practices.

(B) **Requisite Skills:** The ability to determine exposure threats based on fire spread potential, protect exposures, construct a fire line or extinguish with hand tools, maintain integrity of established fire lines, and suppress ground cover fires using water.

5.3.20 Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and an assignment, so that the knots used are appropriate for hoisting tools securely and as directed.

(A) **Requisite Knowledge:** Knot types and usage; the difference between life safety and utility rope; reasons for placing rope out of service; the types of knots to use for given tools, ropes, or situations; hoisting methods for tools and equipment; and using rope to support response activities.

(B) **Requisite Skills:** The ability to hoist tools using specific knots based on the type of tool.

5.4 RESCUE OPERATIONS

(This duty shall involve no requirements for Fire Fighter I.)

5.5 PREPAREDNESS AND MAINTENANCE

This duty shall involve performing activities that reduce the loss of life and property due to fire through response readiness, according to the JPRs in 5.5.1 and 5.5.2.

5.5.1 Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.

(A) **Requisite Knowledge:** Types of cleaning methods for various tools and equipment, correct use of cleaning solvents, and manufacturer's or departmental guidelines for cleaning equipment and tools.

(B) **Requisite Skills:** The ability to select correct tools for various parts and pieces of equipment, follow guidelines, and complete recording and reporting procedures.

5.5.2 Clean, inspect, and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service.

(A) **Requisite Knowledge:** Departmental procedures for noting a defective hose and removing it from service, cleaning methods, and hose rolls and loads.

(B) **Requisite Skills:** The ability to clean different types of hose, operate hose washing and drying equipment, mark defective hose, and replace coupling gaskets, roll hose, and reload hose.

Materials

Other Materials/Resources

Students must complete federal, state, and college regulatory training and testing as mandated by law. This includes, but is not limited to, OSHA (Occupational Safety and Health Administration) regulations, Bloodborne and Infectious Disease Standards, and any new recommendations that are published by regulatory agencies. Students must be in compliance with regulations and laws at LCC.

Students will be leasing SCBA and Bunker gear.

Tools, Equipment or Apparel (Required of the Student)

LCC Fire Academy dress shirt, pants, tie, black shoes, black socks, black belt, sweat pants, sweat shirt, workout shorts, workout shirt, and running shoes.

Evaluation

Student Electronic Access to Grades

D2L is the College's Course Management System which includes a gradebook function allowing students access to their grades in order to receive timely and meaningful feedback on their progress in the course at any time. These grades will align with the Evaluation Criteria listed in this syllabus. D2L is accessed through the MyLCC page.

Whenever practicable, results for graded items should be posted electronically within 48 hours after the instructor has completed the grading process for the items, and final grades for the course should be entered no later than the specified grading day.

Criteria

Type	Weight	Topic	Notes
Assignments	25%		
Class Attendance			100% attendance for practicals and 90% attendance for class room is expected.

Type	Weight	Topic	Notes
Class Participation	25%		
Exams or Tests	25%		
Papers	25%		

Breakdown

College Standard	
College Grading Standards	Recommended Guidelines for Student Grades
4.0 --- Excellent	4.0 --- 91 – 100%
3.5 --- -----	3.5 --- 86 – 90%
3.0 --- Good	3.0 --- 81 – 85%
2.5 --- -----	2.5 --- 76 – 80%
2.0 --- Satisfactory	2.0 --- 71 – 75%
1.5 --- -----	1.5 --- 66 – 70%
1.0 --- Poor	1.0 --- 60 – 65%
0.0 --- -----	0.0 --- 0 – 59%

* Course Policies

Class Attendance/Participation

Other

Extra Credit

Extra credit may be available in this course. This information is provided by the section instructor.

Institutional Policies

Transfer Potential

For transfer information, please consult the LCC [Transfer webpage \(https://lcc.edu/academics/transfer/\)](https://lcc.edu/academics/transfer/). In addition, the [Michigan Transfer Network website \(https://www.mittransfer.org/\)](https://www.mittransfer.org/) allows students the ability to search courses and discover how those courses transfer to colleges and universities statewide.

The Michigan Transfer Agreement (MTA) simplifies the transfer of students from one Michigan institution to another. For the most current information, see the LCC [General Education webpage \(https://www.lcc.edu/academics/catalog/general-education/index.html\)](https://www.lcc.edu/academics/catalog/general-education/index.html).

For additional transfer information contact the Academic Advising Center in the Gannon Building - Star Zone, (517) 483-1904.

Disability Statement

Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the Center for Student Access, Gannon Building, Star Zone - Center for Student Support, via the [Center for Student Access website \(https://lcc.edu/services/access/\)](https://lcc.edu/services/access/), or by calling (517) 483-5323 as soon as possible to better ensure that such accommodations are implemented in a timely fashion.

Student Code of Conduct and General Rules and Guidelines

LCC supports a positive learning environment that provides opportunities for student success. The College recognizes the value and importance of a safe and orderly learning environment that encourages honesty, integrity, and ethical conduct. The [Student Code of Conduct and General Rules and Guidelines \(https://lcc.edu/academics/documents/pdf-policies/catalog-student-rules-and-guidelines.pdf\)](https://lcc.edu/academics/documents/pdf-policies/catalog-student-rules-and-guidelines.pdf) ensure the protection of student rights and the health and safety of the College community, as well as aid in the efficient operation of College programs. In addition, the College has established procedures for addressing reports of alleged violations.

It is the responsibility of the student to be familiar with, and abide by, the Student Code of Conduct, as well as the General Rules and Guidelines. Furthermore, the instructor may establish reasonable guidelines within the classroom environment. Violations of the Student Code of Conduct and General Rules and Guidelines may be reported to the [Office of Student Compliance \(mailto:lcc-osc@lcc.edu\)](mailto:lcc-osc@lcc.edu).

Enrollment Verification

Class attendance and participation are essential to student success. Instructors will update class rosters by the 8th day after the start date of sections less than 8 weeks long, and by the 15th day after the start date of sections 8 weeks or longer to accurately reflect student enrollment in each course. Students who have not attended by these dates may be administratively dropped and responsible for any required tuition and fee charges.

Academic Success Coaches

At Lansing Community College, student success is our top priority. Our Academic Success Coaches mentor students to help them meet their educational, personal and career goals. LCC faculty or staff may refer you to an Academic Success Coach if they recognize that mentoring or assistance may be helpful to you. Please monitor your LCC email for referral notifications. Your participation in academic success coaching is voluntary.

In addition, we encourage you to contact an Academic Success Coach on your own if you need help, guidance or assistance to reach your goals. To contact an Academic Success Coach, call (517) 483-1422, email [lcc-successteam@star.lcc.edu \(mailto:lcc-successteam@star.lcc.edu\)](mailto:lcc-successteam@star.lcc.edu), or visit the [Academic Success Coaching Team website \(https://www.lcc.edu/admissions-financial-aid/get-started/success-coaches.html/\)](https://www.lcc.edu/admissions-financial-aid/get-started/success-coaches.html/) for more information.

Nondiscrimination Statement

Lansing Community College is committed to providing equal employment opportunities and equal education for all persons regardless of race, color, sex, age, religion, national origin, creed, ancestry, height, weight, sexual orientation, gender identity, gender expression, disability, familial status, marital status, military status, veteran's status, or other status as protected by law, or genetic information that is unrelated to the person's ability to perform the duties of a particular job or position or that is unrelated to the person's ability to participate in educational programs, courses services or activities offered by the college.

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies: Equal Opportunity Officer, Washington Court Place, 309 N. Washington Square Lansing, MI 48933, 517-483-1730; Employee Coordinator 504/ADA, Administration Building, 610 N. Capitol Ave. Lansing, MI 48933, 517-483-1875; Student Coordinator 504/ADA, Gannon Building,

411 N. Grand Ave. Lansing, MI 48933, 517-483-1885; Sarah Velez, Human Resource Manager/Title IX Coordinator, Administration Building, 610 N. Capitol Ave. Lansing, MI 48933, 517-483-1874; Christine Thompson, Student Title IX Coordinator, Gannon Building, 411 N. Grand Ave. Lansing, MI 48933, 517-483-1261.

Compliance with COVID-19 Safety Precautions

All students, employees and visitors have a part to play in keeping the LCC community safe. Everyone entering campus is required to adhere to the safety measures as outlined on the [Spring Refresh 2021 webpage \(https://www.lcc.edu/coronavirus/index.html\)](https://www.lcc.edu/coronavirus/index.html). Reports of noncompliance will be submitted to the Student Compliance Office for appropriate action. Students with questions or concerns should email student.concerns@star.lcc.edu.

Media Release Statement

Photographs, pictures, slides, movies, video, or other media coverage of students may be taken for College-related business, in connection with their enrollment or participation in LCC activities without compensation from LCC, its Trustees, officers, directors, employees, students and agents of each of them, and photographs, pictures, slides, movies, video, or other media coverage of students may be used for any legal purposes.

Additional Items

Course Practices

ATTENDANCE:

Students are expected to submit all assignments and take all quizzes according to the course schedule or make other arrangements well in advance of the scheduled due date. Failure to do so may result in academic penalty or withdrawal from the class. Missing a scheduled activity for any reason, including illness or late registration, in no way relieves the student of the responsibility for completing all work in the course to the satisfaction of the instructor according to the approved schedule. The student is responsible for taking exams at the approved time and place and for submitting assignments on time. THERE ARE ABSOLUTELY NO MAKEUPS ON EXAMS UNLESS PRIOR ARRANGEMENTS HAVE BEEN MADE WITH THE INSTRUCTOR. If a student misses any due dates for activities, it is the student's responsibility to contact the instructor.

HONORS OPTION:

An Academic Honors Option is a form of instructional agreement whereby a student can earn an Honors designation on his or her transcript by completing one or more approved enrichment assignments in a non-Honors course. This course allows qualified students to complete Academic Honors Options. The Academic Honors Option assignment(s) designed by faculty for this course are explained below. If you complete this work and do so successfully, your achievement will be noted on your official LCC transcript. Please be aware that Academic Honors Options DO NOT earn Honors course credit.

FIRE 101 Honors Assignment:

A 10-page paper in APA format with a minimum of ten references. The topic of the paper is "How Can a Firefighter Influence the Safety of their Crew, Shift and Department?"

Course Specific Information

If you, the student, need course adaptations or accommodations because of a disability, if you have emergency medical information to share with your instructor, or if you need special arrangements in case the building must be evacuated, please make an appointment with your instructor for assistance. Students must register with the Office of Disability Support Services (ODSS) each semester to access services and accommodations. The ODSS office may be contacted by telephone (517) 483-1904 (Voice) or (517) 483-1207 (TTY) or Fax (517) 483-1970.

Detailed Outline of Course Content and Sequencing

- A. MFFTC Orientation
- B. MFFTC Laws, Regulations and Standards
- C. Firefighter Orientation
- D. Firefighter Safety and Health
- E. Fire Behavior
- F. Building Construction

- G. Fire Fighter Personal Protective Equipment
- H. Portable Fire Extinguishers
 - I. Ropes and Knots
- J. Rescue and Extrication
- K. Forcible Entry
- L. Ground Ladders
- M. Ventilation
- N. Water Supply
 - O. Fire Hose
 - P. Fire Streams
- Q. Fire Control
- R. Fire Detection, Alarm and Suppression Systems
- S. Loss Control
- T. Protecting Fire Scene Evidence
- U. Fire Department Communications
- V. Fire Prevention and Public Fire Education
- W. Basic Prehospital Emergency Medical Care for Firefighters
- X. Hazardous Materials Awareness
- Y. Hazardous Materials Operation