

Regional Training Centre Courses

2022

| Course <i>(click course title for description)</i> | Format | Online Start Date | In-Class Date(s) | Skills & Test Dates | Non-Member | Member | Host | Instructor | Max | Min | Pre-Req |
|---|---------------------------|-------------------|--|---------------------|------------|--------|-----------------------------|--------------|-----|-----|---|
| NFPA 1001 Firefighter I | 14 days in class | N/A | October 15, 16, 22, 23, 29, 30 November 5, 6, 19, 20, 26, 27 December 3, 4 | December 5 | \$425 | \$305 | Lambton College Fire School | TBD | 20 | 10 | STD First Aid, CPR Level C, and AED |
| NFPA 1031 Fire Inspector I | 5 days in class | N/A | November 12, 13, 19, 20, 26 | November 26 | \$230 | \$170 | Petrolia Fire | TBD | 16 | 8 | NFPA 1072 Hazardous Materials Awareness |
| Hazmat Incident Command | 2 days in class and field | N/A | November 29, 30 | N/A | TBD | TBD | Fire School | Brian Secord | 24 | 12 | None |
| NFPA 1035 Level 1 Fire and Life Safety Educator | 3 days in class | N/A | NEW DATE December 3, 4, 10 | December 10 | \$180 | \$145 | | | 20 | 10 | None |
| NFPA 1072 HMO | 5 days in class | N/A | December 10, 11, 17, 18 January 7 | January 7 | \$230 | \$170 | | | 20 | 10 | NFPA 1072 Hazardous Materials Awareness |

2023

| Course | Format | Online Start Date | In-Class Date(s) | Skills & Test Dates | Non-Member | Member | Host | Instructor | Max | Min | Pre-Req |
|---|-----------------------------------|-------------------|--------------------------------|---------------------|------------|--------|--------------|------------|-----|-----|-----------------------------|
| NFPA 1041 Fire Instructor II | Blended | November 26, 2022 | January 7, 8, 14, 15 & 21 | January 21 | \$250 | \$195 | TBD | TBD | 12 | 6 | NFPA 1041 Fire Instructor I |
| NFPA 1021 - Fire Officer I | 35 hours online + 3 days in class | December 10, 2022 | January 21, 22, 28 | January 28 | \$185 | \$150 | | | 20 | 10 | NFPA 1001 Firefighter II |
| NFPA 1002 / Pumps Ops | 48 hours online + 4 days in class | January 21, 2023 | March 4, 5, 11, 12 | March 12 | \$205 | \$155 | Alvinston FD | TBD | 20 | 10 | Valid DZ |
| NFPA 1021 - Fire Officer II | 35 hours online + 5 days in class | February 11, 2023 | March 25 & 26 April 1, 2, 8 | April 8 | \$245 | \$185 | | | 20 | 10 | NFPA 1021 FO I |
| Professional Chainsaw Operation | 2 days in-class | N/A | March 25 & 26 | N/A | TBD | TBD | | | 20 | 10 | |

Prices Include:

- Hosting fees
- OFC fee per person (\$65) where applicable
- Student materials and textbook rental from RTC Library
- Coffee and Lunch

For additional information and to register for a course, please contact:

- Stephanie Monteith
- rtc@lambtoncollege.ca
- 519-542-7751 x 3812

Course Descriptions

Air Monitoring

This Lambton College Fire School course meets or exceeds NFPA 1072 Chapter 6.7, “Detection, Monitoring, and Sampling.” Participants will learn the key principles of a safe and effective air monitoring program; also, they will develop skills that they can apply in the field. Air monitoring is an essential skill for all first responders as it’s a means to ensure that the on-scene atmosphere is safe for everyone. Practical exercises are included in the informed filled day.

Topics will include:

- Integral components of an air monitoring program
- Basic chemistry behind air monitoring
- Various types of detection, monitoring, and sampling devices and their proper usage
- Documentation

This course is intended for municipal firefighters but will be valuable for all first responders; including paramedics, field health care workers, and law enforcement. Participants will receive a Lambton College Certificate of Completion.

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Commercial/Industrial Firefighting for Municipal Firefighters

This Lambton College Fire School course is currently in development. The trainee will receive valuable insight and hands on training for the municipal firefighter responding to a commercial/industrial blaze. Training will take place at the Lambton College Fire School extensive industrial firegrounds.

More information to follow.

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Hazmat Incident Command

This Lambton College Fire School course is currently in development.

More information to follow.

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NFPA 1001 Level 1

This training course combines theory and hands-on applications to provide the student-learner with the necessary skills to perform entry-level recruit duties in a municipal fire service. An extensive hands-on in-person course allows the recruit to complete all the job-performance requirements (JPR's) of the NFPA 1001 Level I standard, and the required NFPA 1072 Hazardous Materials component. In addition to the NFPA requirements, student-learners will receive a comprehensive orientation to provincial regulations affecting firefighters in Ontario. In a structured practical-scenario based environment, both simulated and controlled live-fire training environments will give the student-learner an in-depth, safety-oriented perspective on fire scene operations.

Provincial testing through AS&E with the Office of the Fire Marshal and Emergency Management will be conducted at the conclusion of the course. Students that successfully complete the testing will receive certification.

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NFPA 1002 / Pumps Ops

The Apparatus Equipped with a Fire Pump course meets the knowledge and Job Performance Requirements (JPRs) established by the NFPA 1002 Standard for Fire Apparatus Driver – Operator Professional Qualifications Chapter 5, 2014 Edition. Upon successful completion of this course each student will understand and be able to demonstrate the operation of a fire department pumper from both a static and pressurized source of water.

Provincial testing through AS&E with the Office of the Fire Marshal and Emergency Management will be conducted at the conclusion of the course. Students that successfully complete the testing will receive certification.

Proof of a valid DZ Licence must be presented to the instructor at the commencement of the class. Students that fail to provide the proper documentation will not be eligible to attend the class.

The online pre-class must be completed prior to the commencement of the in-class sessions to attend. The student's progress through the pre-class work is monitored and if the student is not completing the required work, the student will be removed from the course

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NFPA 1021 - Fire Officer I

This course provides students with timely information that aids in their daily performance as a fire officer. Topics include roles and responsibilities, administration, accountability, cultural diversity, health and safety, human resource management, public relations, functional leadership, incident command, inspection and investigation, budgeting process, basic strategic planning, and basic strategy and tactics. The Fire Officer I course is intended for the frontline fire officers with a supervisory role. Blended delivery includes self-directed learning on-line followed by in-class schedule.

Provincial testing through AS&E with the Office of the Fire Marshal and Emergency Management will be conducted at the conclusion of the course. Students that successfully complete the testing will receive certification.

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NFPA 1021 - Fire Officer II

Fire Officer II builds upon the topics covered in Fire Officer I. There is a more in-depth look at human resources management, community, and government relations, as well as origin and preliminary cause of fires. Emergency delivery topics will evolve from single unit emergency operations to multi-unit emergency operations, with more in-depth look at pre-incident planning and deployment of assigned resources. In addition, Fire Officer II covers the organization of local government and the roles that outside agencies play in assisting the fire service. Fire Officer II is intended for frontline fire officers with an expanded role.

Provincial testing through AS&E with the Office of the Fire Marshal and Emergency Management will be conducted at the conclusion of the course. Students that successfully complete the testing will receive certification.

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NFPA 1031 Fire Inspector I

This course will teach students to apply the concepts and skills of a fire inspector. Students will learn about fire safety, codes and standards, and fire protection systems and how to think their way through fire prevention inspections. The course covers preparing inspection orders, investigating complaints, identifying the applicable code or standard, understanding basic legal proceedings, classifying a single occupancy building, calculating occupant load of single occupancy, verifying construction classifications, inspecting means of egress, suppression systems, fire extinguishers, as well as recognizing hazardous conditions. In addition, this course will prepare students to identify compliance for storage, to recognize fire growth potential, and to determine code compliance.



Lambton College Fire School
E rtc@lambtoncollege.ca
P 519-542-7751 x 3812
459 LaSalle Line Sarnia, ON N7T 7H5
lambtoncollege.ca/FireSchool

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NFPA 1035 Fire and Life Safety Educator I

This course provides students with the skills necessary to deliver and coordinate existing fire and life safety education at various levels within a community. This course examines fire behaviour, human behaviour during fire, educational methodology, and basic fire protection systems and devices. This course will also cover the scheduling of fire and life safety activities, identifying and recognizing opportunities for shared efforts with common fire and life safety goals, recognizing and mitigating potential hazards, and adapting lesson plans to the needs of the audience.

Provincial testing through AS&E with the Office of the Fire Marshal and Emergency Management will be conducted at the conclusion of the course. Students that successfully complete the testing will receive certification.

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NFPA 1041 Level 1

This course prepares students to deliver training sessions effectively by analyzing and applying principles of adult education, assessing learner needs, planning lessons, and conducting evaluations. Emphasis is placed on the application of adult education principles in learning situations that involve fire department personnel, external agencies, and the public.

A memory stick is required, and a laptop is highly recommended for this course. Students must bring a copy of the Skills Sheets booklet located on the pre-class website.

The online pre-class must be completed prior to the commencement of the in-class sessions to attend. The student's progress through the pre-class work is monitored and if the student is not completing the required work, the student will be removed from the course.

Provincial testing through AS&E with the Office of the Fire Marshal and Emergency Management will be conducted at the conclusion of the course. Students that successfully complete the testing will receive certification.

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NFPA 1041 Level 2

This course will build and expand on the knowledge and requisite skills of the NFPA 1041, 2012 Edition Fire Instructor I. Students will develop skills and knowledge that will enhance the department's planning, implementation, and evaluation of training and educational programs.

The online pre-class must be completed prior to the commencement of the in-class sessions to attend. The student's progress through the pre-class work is monitored and if the student is not completing the required work, the student will be removed from the course.

Provincial testing through AS&E with the Office of the Fire Marshal and Emergency Management will be conducted at the conclusion of the course. Students that successfully complete the testing will receive certification.

NFPA 1072 Hazardous Materials Operations

The Hazardous Materials Operations course focuses on the recognition of a hazardous materials emergency, personnel safety, hazard assessment, and the notification of higher skilled emergency responders or technical response teams. Students will become familiar with the Emergency Response Guidebook (ERG) and learn about the mandate and authority of the Canadian Transport Emergency Centre (CANUTEC). Students will explore topics such as placards, containers, and materials involved; determine whether materials have been released, PPE, emergency decontamination, and the evaluation of the surrounding conditions. By collecting hazard and response information, students will develop a "risk-based response" plan. Students must provide their own turnout gear. To maximize firefighter safety, students are required to bring their own SCBA and two air cylinders. Information and guidance on safely transporting SCBA and cylinders to and from the RTC are included in the pre-class information package for this course. Hazardous Materials Operations will also include the sign-off of NFPA 1072 Chapter 5 Mission-Specific Sections Personal Protective Equipment (PPE) (Section 6.2) and Product Control (Section 6.6), 2017 Edition.

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NFPA 1521 Incident Safety Officer

This three-day course examines the role of the incident safety officer at any situation requiring emergency response and will define their operation within the incident command system. The student will be able to evaluate and prioritize risks while using critical thinking to analyze and mitigate hazards. Students will learn to select the most appropriate control measure to maintain effectiveness and enhance firefighter safety.

The course will cover the role of the safety officer including safety, regulations and standards, reading buildings, reading smoke, identifying risk, reading and assessing hazardous energy, reading firefighters, triggers and traps, developing a systematic approach to safety, ISO responsibilities at structure, wildland fires, as well as technical and post incident responsibilities.

This training will allow the students to better identify incident action options in a risk-based response. Students will be offered scenario-based training that will allow them to apply what they have learned. This course is designed for responders that are trained to the NFPA 1021 FO I or higher.

This course covers all the requirements of NFPA 1521 - Chapter 5.

Provincial testing through Academic Standards and Evaluation with the Office of the Fire Marshal and Emergency Management will be available at the conclusion of the course for students wishing to receive certification. Students must also complete and submit their skills sign-offs to receive certification.

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Professional Chainsaw Operation

This course is designed to include areas of competency identified in the Ministry of Training, Colleges and Universities (MTCU) Cutter Modular Training Program (#750010). This course is recognized as the provincial standard for common core classroom training that is required before beginning work as a chainsaw operator on non-logging operations such as fire and emergency services. Successful completion of this course allows students to begin working professionally with chainsaws in the non-logging industry.

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Responding to Overdose Calls

First responders are facing a record number of drug overdoses. *“The opioid overdose crisis continues to have significant impacts on Canadians, their families, and communities, and remains one of the most serious public health crises in Canada's recent history (Public Health Agency of Canada).”*

This course is for anyone who may respond to a drug overdose and will give participants the knowledge and skills needed to safely respond to these types of emergency calls. While intended for the municipal firefighter, this course is valuable for all level of responders including paramedics, field health care workers, and law enforcement. (The level of patient care will be consistent with Red-Cross EMR.)

Topics include:

- Understanding the current drug crisis
- Various types of drugs and their effects
- Scene safety & PPE
- Patient treatment



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- Practical exercises
- Documentation

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