

NFPA 1031 FIRE INSPECTOR LEVEL I (MICRO-CREDENTIAL)

Program: FIMC

Credential: Recognition of Achievement

Delivery: Part-time, online, micro-credential

Length: 1 semester

Duration: 182 hours

Effective: Fall 2024, Winter 2025, Summer 2025

Location: Barrie

Description

The NFPA 1031 Fire Inspector Level I Micro-certificate program meets the knowledge and skill requisites established by NFPA 1031 Standard for Professional Qualifications for Fire Inspector and Plans Examiner, 2014 edition. It is comprised of five modules including NFPA 1031 Fire Inspector Level I, Legislation and Courtroom Procedures, Fire Code Part 2 and 6, Fire Code Part 9 Retrofit and NFPA 1072 Hazardous Materials Awareness.

Together, these modules offer an overview of the various laws, regulations and standards that impact fire protection, allow students to apply the concepts and skills of fire inspections, and assist students in meeting their fire safety inspection and enforcement responsibilities. Students develop the knowledge and skill with respect to the Fire Protection and Prevention Act, Ontario Fire Code, Building Code Act and the Ontario Building Code. They build their knowledge and confidence to address life safety issues in buildings in their communities that are regulated under Part 2, 6 and 9 of the Ontario Fire Code.

Modules can be completed in any order, except for Fire Code Part 9 Retrofit, which is recommended this course is completed after Legislation and Courtroom Procedures and Fire Code Part 2 and 6. Courses may be validated from other institutions towards this micro-credential.

Career Opportunities

- Fire Inspector
- Fire Prevention Officer
- Firefighter
- Fire Service Manager

Program Learning Outcomes

The graduate has reliably demonstrated the ability to:

1. identify appropriate resources and use of codes, standards, compliant processes, permits, and legislation;
2. describe the duties, roles, and responsibilities of an inspector and the legal guidelines for inspections;
3. explain the various building components, means of egresses, site access, and recognize unsafe behaviours and hazardous conditions;
4. use proper documentation and report writing skills to clearly and accurately communicate inspection findings to the appropriate audience;
5. recognize the different fire protection and detection systems and how they are incorporated into a fire safety occupancy;

6. identify construction types, accepted building materials, and fire risks associated with them;
7. describe the role and conduct of the fire prevention officer or inspector in giving evidence in court according to accepted courtroom procedures;
8. describe the process for commencement of proceedings by POA Part I & III;
9. describe the process involved to swear in information to the appropriate court official and to serve a summons;
10. recognize the application of the Ontario Building Code and the Ontario Fire Code as it relates to the installation and maintenance of fire alarm and detection systems, sprinkler systems, fire protection and life safety equipment, water supplies, standpipe and hose systems, and portable fire extinguishers;
11. recognize the application of the Ontario Building Code and the Ontario Fire Code as they relate to the installation, testing, and maintenance of smoke alarms;
12. describe, interpret, and apply the requirements of Div. B Part 9 Retrofit of the Ontario Fire Code to various types of occupancies regarding containment, means of egress, fire alarm and detection, and fire suppression;
13. recognize introductory information regarding hazardous materials;
14. obtain pertinent information from the Emergency Response Guidebook (ERG) to identify hazardous products, conduct a scene survey, and perform scene safety procedures.

External Recognition

The OFM recently approved Georgian College's curriculum and proposed delivery of the five (5) micro-credential modules to meet the NFPA 1031 Fire Inspector Level I certification. This certification, through the OFM, is internationally recognized by accrediting agencies International Fire Service Accreditation Congress [IFSAC] and International Accreditation for Fire Service Organizations - ProBoard.

Graduation Requirements

To meet the OFM - NFPA 1031 Fire Inspector Level I standard, students must successfully pass each course in the program with a grade of 70% or higher.

Upon successfully completion of the five (5) required modules, the student is eligible to apply for Ontario Office of the Fire Marshal (OFM) accreditation through the program coordinator.

Graduation Eligibility

Students must successfully complete all required courses as noted below. Further details, if applicable, are noted under "Additional Information" above.

Program Tracking

Program Courses	Hours
Modules	
JUST 0062 Fire Inspector Level 1 (Micro-credential)	42
JUST 0064 Legislation and Courtroom Procedures (Micro-credential)	42
JUST 0065 Ontario Fire Code Div. B Part 2 and 6 (Micro-credential)	42
JUST 0066 NFPA 1072 Hazardous Materials Awareness (Micro-credential)	14

JUST 0067	Fire Code Div B. Part 9 Retrofit (Micro-credential)	42
	Hours	182
	Total Hours	182

Graduation Window

Students registered in part-time studies programs must maintain continuous registration in order to complete the program according to the curriculum in place at the time they were admitted. Students who do not remain continuously registered must be readmitted to the program and follow the new curriculum.

Disclaimer: *The information in this document is correct at the time of publication. Academic content of programs and courses is revised on an ongoing basis to ensure relevance to changing educational objectives and employment market needs.*

Program outlines may be subject to change in response to emerging situations, in order to facilitate student achievement of the learning outcomes required for graduation. Components such as courses, progression, coop work terms, placements, internships and other requirements may be delivered differently than published.