



## NFPA 1033 Course Syllabus

### **Course Title:**

NFPA 1033 Fire Investigation

### **Course Date:**

Ongoing enrolment Online 24/7

### **Course Location:**

Knowledge Portion: the Online Learning Centre ([www.theOLC.ca](http://www.theOLC.ca))

Written and Practical Examinations: as arranged by an FPOABC Evaluator

### **Instructor:**

Course delivered via the Online Learning Centre, [www.theOLC.ca](http://www.theOLC.ca), email: [info@theOLC.ca](mailto:info@theOLC.ca)

### **Course Description:**

This program will give the student the ability and knowledge to perform the duties of a Fire Investigator. The course is designed around self-paced, online course work, exercises, a written examination and a practical evaluation.

### **Pre-requisite/program:**

Registrars must ensure that Students registering for the accredited NFPA 1033 program are a member of a:

1. Career fire department,
2. Volunteer fire department,
3. Recognized industrial brigade,
4. RCMP or municipal police
5. Or related investigative agency.

Students registering for the course must present the Confirmation of Employment or Membership form (FPOA036) from his/her Fire Chief or Supervisor verifying:

1. Employment and/or membership
2. Student meets the minimum physical requirements as outlined by the authority having jurisdiction.

## **Learning Outcomes:**

1. Define the role of the Fire Investigator
2. Investigate fire cause
3. Complete an accurate, safe and thorough fire investigation
4. Utilize the professional tools required to conduct a fire investigation
5. Manage within organizational structure
6. Utilize effective communication skills, both written (reports) and verbal (interview)

## **Instructional Methods**

### ***Overview:***

Students must complete the self-paced, on-line course.

From the date of registration, the student has 5 (five) calendar months to complete the online portion of the course material. If an extension is needed it may be approved by the FPOABC ProBoard Certification Coordinator.

Once the student has completed the online part of the course, an Evaluator will be assigned by the FPOABC ProBoard Certification Coordinator. The Cognitive Test and the Practical Examination must be taken within 21 (twenty-one) days from the date that the student receives their evaluation notices via email, unless an extension is approved by the FPOABC ProBoard Certification Coordinator.

### ***Written and Practical Examinations***

The Written and Practical Examinations will be administered, consecutively and on the same day, by an FPOABC trained Evaluator. Evaluators are located across Canada. Once the student has completed the online course, the closest Evaluator will be assigned, and will contact the student to arrange a time/place for the exam to be held.

The Examination process should take no longer than 5 hours.

If the student fails the Written or Practical exam there will be a \$125.00 fee for each written re-write or practical re-evaluation, to be paid prior to the administration of the re-examination.

### ***Textbook & Materials***

FPOABC NFPA 1033 Fire Investigator Manual, supplied to the student at the time of registration.

NFPA 921: Guide for Fire and Explosion Investigations, student must supply this themselves. Access to an online 921 is available through the NFPA website. Access information is given in the course.

## Online Course Units

The Online Portion of the course consists of the following units:

- Fire Facts,
- Role & Duties of the Fire Investigator,
- Roles, Duties & Responsibilities of the Office of the Fire Commissioner,
- Role of the Fire Department,
- Fire Chemistry,
- Fire Behavior,
- Recording Your Findings,
- Building Construction,
- Building Detection and Suppression Systems,
- Fire Scene Safety & Security,
- Fire Scene Examination,
- External Perimeter Examination,
- Internal Survey,
- Examination of Casual Factors,
- Fire & Heat Indicators,
- Motor Vehicle Fires,
- Marine Fires,
- Wildland Fire,
- Fire Scene Management & Major Investigations,
- Technical Reference,
- Explosions,
- Local Assistants & the Judicial System
- Media & Fire Investigations,

### Assessments:

Quizzes - There is a review (non-graded) quiz at the end of each of the above course units.

Exams - Written and Practical Examinations will be conducted per current standards. The Written Examination is closed-book and consists of multiple-choice and/or true/false questions. The Practical Examination is done desk-top using one of a variety of carefully developed scenarios. Both examinations are based on the course material and course manual. Students must achieve a 75% pass grade on the written exam, and 75% on the practical scenario evaluation.

Tardiness - Tardiness may result in the student not being permitted into the evaluation.