



Ontario Fire College OFMEM

NFPA 1521 Incident Safety Officer Blended Pre-Class

Nov 2020/V1



Office of the Fire Marshal
and Emergency Management



Ontario Fire College

Course Information

Program Title:

NFPA 1521 Incident Safety Officer Blended

Program Outline:

The blended course delivery consists of an on-line that begins thirty-five (35) days prior to the in-class session, followed by a 3 day in-class session. Skill sheets are required to be completed within the in-class session and submitted as per instructions indicated at the beginning of the Skills Booklet.

Access instructions will be sent to all registered students through their department Fire Chief or Designate, a minimum of 7 weeks prior to the course commencement. Departments are required to forward this information and redemption code to the student in a timely manner.

Once signed in, students are expected to complete all on-line work. This is a prerequisite to attending the in-class portion of the course. Students should begin their program thirty-five (35) days prior to the classroom portion of the course start date. Please note, if a student does not complete all assignments and coursework listed, he/she will not be eligible to attend the in-class portion of the program and will receive a "fail" grade. Students shall review the readings as assigned, review slide information, and complete any assignments or knowledge tests in each of the chapters prior to the in-class session.

This blended course examines the role of the incident safety officer (ISO) at any situation requiring emergency response and will define their operation within the incident command system. Through the course, students 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 program will cover the role of the safety officer including the following subjects, 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 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 Fire Officer 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 Academic Standards and Evaluation in order to receive certification Seals. See skill sheets more information.

Credit Status:

This course meets the requirements of Incident Safety Officer defined in Chapter 5 of NFPA 1521 Standard for Fire Department Safety Officer Professional Qualifications, 2015 Edition.

Prerequisites:

- NFPA 1021 Fire Officer I

Recommended Skills/Knowledge:

- Review NFPA 1521 Standard for Incident Safety Officer Professional Qualifications, 2015 Edition, for a clear understanding of expected Job Performance Requirements (JPRs) that will be addressed in this course.

Modes of Delivery:

- A combination of practical work and course assignments in an on-line and classroom setting
- The course delivery consists of an on-line component followed by a 3 day in-class session

Modes of Evaluation:

- On-Line assignments, written knowledge test and practical skills

Note: Completing this program does not grant certification; it prepares students for certification testing.

Resources:

Required Book(s)/Resources:

Students are required to have the following textbook:

- Jones and Bartlett, Fire Department Incident Safety Officer, 3rd Edition

Additional Resource Textbook(s):

These resources are not required texts, but students may find them helpful:

- IFSTA, Fire and Emergency Services Safety Officer, 2nd Edition;
- NFPA 1521 Standard for Fire Department Safety Officer Professional Qualifications, 2015 Edition, Chapter 5
- Government of Ontario, Guidance for Improving Health & Safety in the Fire Service – Under Section 21 of the Occupational Health and Safety Act, RSO 1990, Ministry of Labour.
- ORNGE, Helicopter Safety – Approaching or Leaving a Helicopter. Refer to Fact Sheet and online Video: “Online Safety Procedures for Ornge Helicopters.
- Government of Ontario, Incident Management Forms, Ministry of Community Safety and Correctional Services. Refer to Ontario IMS Form 208, along with Forms 201, 202, and 215-A. Forms are also available on the OFMEM website and are attached to the Skill Sheets.

Books can be ordered through the following distributors:

1. Fire Safety Canada (Fire Marshal’s Public Fire Safety Council)

Brockville, Ontario

Tel: 1-866-379-6668, ext. 109

Website: [Fire Safety Canada](http://www.firesafetycouncil.com) (www.firesafetycouncil.com)

2. Annex Books & Videos

Simcoe, ON

Tel: 1-877-267-3473

Website: [Annex Bookstore](http://www.annexbookstore.com) (www.annexbookstore.com)

Please allow 2 to 3 weeks for delivery.

Required Equipment:

No special equipment is required.

Contact:

If you have any questions, please contact us at:

Askofc@ontario.ca

or 705-687-2294 Ext. 9656

Important Update:

Students are required to bring all completed pre-class assignment reading materials listed, along with paper, and a pen or pencil. In addition, students must:

1. **Attend all sessions, no exception.** Participation in all activities is mandatory; the course also includes some evening study.
2. A laptop or tablet to complete required activities, mandatory.
3. Bring flash drive for transferring and saving documents.
4. Dress at the OFC as per the College's dress code – business casual or station wear is expected.

Assignment Criteria

In addition to specific criteria for each assignment, the following general criteria apply to all assignments:

- With the exception of the cover page, all pages of all assignments must include a footer (8-point font) that includes the group name (or student's name for individual assignments), course name, course number, and instructor's name.
- All pages of the assignment must be numbered.
- All assignments must be typed in 12-point font and doubled spaced. This means that each page, on average, will contain between 290 and 300 words.
- Appropriate use of upper case and lower case is required. The sole use of UPPER CASE is not acceptable.
- Font types Times New Roman, Calibri, or Arial are acceptable.

Reading

1. FD203 Enclosure Fires student manual, (Fire Dynamics).

Incident Safety Officer In-Class Agenda

Day 1	Day 2	Day 3
	08:30-10:00 Discussion on ISO role	08:30-10:00 Safety PPT
10:00-10:15 Break	10:00-10:15 Break	10:00-10:15 Break
	10:15-12:00 Group assignments, ISO/PIA (wildland, tech rescue, hazmat, near- miss)	10:15-12:00 Dodson Scenarios
12:00-13:00 Lunch	12:00-13:00 Lunch	12:00-13:00 Lunch
13:00-13:20 OFC Rules Instructor and Student Introductions	13:00-13:30 Group assignments, ISO/PIA (wildland, tech rescue, hazmat, near- miss)	13:00-14:30 ISO Exam, 100 questions AS&E Proctored
13:20-13:50 Group Work Pre-class Assignment, SCOPE		
13:50-14:15 SCOPE Group presentations		
1415-1430 Break	14:15-14:30 Break	
14:30-16:15 SCOPE Group presentations	14:30-16:15 Assignments cont.	