

NFPA 1521 Incident Safety Officer

This course meets the knowledge and skill requisites established by NFPA 1521: Standard for Fire Department Safety Officer Professional Qualifications, Chapter 5, 2015 Edition. This 3-day course examines the role of the incident safety officer (ISO) at any situation requiring an 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 ensure the effectiveness of emergency response and enhance firefighter safety.

The program will cover the role of the safety officer including, safety, regulations and standards, and reading buildings, smoke, risk, hazardous energy, and firefighters. The course also examines triggers and traps, developing a systematic approach, and ISO responsibilities at structure fires, wildland fires, as well as technical and post-incident responsibilities. This training will allow the students to identify incident action options in a risk-based response. Supplemental scenario-based training will also allow students to apply what they have learned.

Provincial testing through AS&E with the Office of the Fire Marshal will be conducted at the conclusion of the in-class sessions. To receive certification, students must also complete and submit their skills sign-off sheets to AS&E.