

FE1-IP
Fire, Investigation Procedures, AFC 2014

2 Credits

Instructor: TBA

Phone:

Original Developer: Chris Senaratne

Current Developer: Caylie Gnyra

Reviewer: Alan Jones

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FE1-IP Version: 3



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Calendar Description

This course gives students a blueprint for conducting a fire investigation based on scientific methodology. The course covers all legal and safety aspects of evidence collection and assessment. Students learn to analyze evidence logically and prepare and present reports and recommendations to various audiences.

Rationale

This is a required course for the Emergency Services Technology – Fire Specialization program. The course is an excellent preparation for those who want to advance in the field of fire investigation. The skills and methods taught in this course meet accepted industry and legal standards for conducting a fire investigation.

Prerequisites

FE1-FOCD Fire, Cause Determination, AFC 2014

Co-Requisites

None

Course Learning Outcomes

Upon successful completion of this course, students will be able to

1. conduct, co-ordinate, and complete an origin and cause of fire investigation.
2. write reports.
3. give presentations to the media and courts.

Resource Materials

Emergency Training Centre course text

Conduct of Course

A. Methods

1. Lecture

B. Aids

1. White board

2. Power Point slides

- 3. Video
- C. Assignments
 - 1. Self- testing exercises in the fire etc. modules
- D. Study Time
 - 1. 8 hours

Evaluation Procedures

Written exam, 70% pass mark

Grade Equivalents and Course Pass Requirements

The final mark is given as a letter grade.

Letter	F	B-	B	B+	A-	A	A+
Percent Range	0-69	70-74	75-79	80-84	85-89	90-94	95-100
Points	0.00	2.70	3.00	3.30	3.70	4.00	4.00

Attendance

Regular attendance is essential for success in any course. Absence for any reason does not relieve a student of the responsibility of completing course work and assignments to the satisfaction of the instructor. Poor attendance may result in the termination of a student from a course.

Course Units/Topics

1. The purpose of the incident investigation
2. Reports and recommendations
3. Preparing for an investigation
4. Securing and assessing the incident scene
5. Searching the scene
6. Recording/documenting the incident scene
7. Evidence collection, examination and testing
8. Interviews and research
9. Logic, inductive and deductive reasoning
10. Qualities of an incident investigator
11. Preparation for practical evaluation and skills testing.



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