

Advanced (NICET Level III & IV) Fire Alarm Seminar 2-day Course Outline (14 hours)

Course Description -

This Advanced Fire Alarm Seminar is beneficial for individuals interested in testing for NICET Level III and IV certification. The course is based on the NICET Level III and IV work elements described in the NICET Fire Alarm Systems Program Detail Manual, 8th edition. Attendees should be either NICET Level II certified, or have a minimum of 5 years of field experience.

Course Materials -

1. Student workbook (provided)
2. Calculator, pencils and note paper - Student to provide

Course Outline-

Chapter 1. Review of NICET Level III/IV and CPD requirements

Chapter 2 Fire Alarm System Features

- 35008 Alarm Notification Appliances
- 35010 Styles of Circuits
- 38009 Computer/Microprocessor Based Fire Alarm Systems
- 35013 Addressable Systems
- 35014 Multiplexing
- 33008 Power Supplies
- 36002 Low Power Local Signaling Systems
- 38001 Public Fire Service Communication Systems

Chapter 3 System Reliability

- 37003 System Reliability
- 35012 Transient and RFI/EMI Protection
- 37005 Avoidance of Nuisance Alarms
- 37004 Hazard Analysis
- 37006 Special Protection
- 35011 System & Component Compatibility
- 37007 Requirements for Listing

Chapter 4 Supplementary Circuits

- 35005 Supplementary Circuits
- 35004 Smoke Movement in Buildings
- 38005 Smoke Control Systems

Chapter 5 35009 Principles of Combustion

Chapter 6 Application of Automatic Fire Detection Devices

- 38006 Heat Detectors
- 38007 Smoke Detectors
- 38008 Flame Detectors