

Florida Bureau of Fire Standards and Training
Fire Investigator Content Outline
NFPA 1033

I. General (NFPA 1033 4.1)..... (5%)

- A. The fire investigator shall employ all elements of the scientific method as the operating analytical process throughout the investigation and for the drawing of conclusions. **(NFPA 1033 4.1.2)**
- B. Because fire investigators are required to perform activities in adverse conditions, site safety assessments shall be completed on all scenes and regional and national safety standards shall be followed and included in organizational policies and procedures. **(NFPA 1033 4.1.3)**
- C. The fire investigator shall maintain necessary liaison with other interested professionals and entities. **(NFPA 1033 4.1.4)**
- D. The fire investigator shall adhere to all applicable legal and regulatory requirements. **(NFPA 1033 4.1.5)**
- E. The fire investigator shall understand the organization and operation of the investigative team within an incident management system. **(NFPA 1033 4.1.6)**

II. Scene Examination (NFPA 1033 4.2)..... (25%)

- A. Secure the fire ground **(NFPA 1033 4.2.1)**
- B. Conduct an exterior survey **(NFPA 1033 4.2.2)**
- C. Conduct an interior survey **(NFPA 1033 4.2.3)**
- D. Interpret and analyze fire patterns **(NFPA 1033 4.2.5)**
- E. Examine and remove fire debris in layers **(NFPA 1033 4.2.6)**
- F. Reconstruct the area of origin **(NFPA 1033 4.2.7)**
- G. Inspect the performance of building systems, including detection, suppression, HVAC, utilities, and building compartmentation **(NFPA 1033 4.2.8)**
- H. Discriminate the effects of explosions from other types of damage **(NFPA 1033 4.2.9)**

III. Documenting the Scene (NFPA 1033 4.3)..... (10%)

- A. Diagram the scene **(NFPA 1033 4.3.1)**
- B. Photographically document the scene **(NFPA 1033 4.3.2)**
- C. Construct investigative notes **(NFPA 1033 4.3.3)**

- IV. Evidence Collection/Preservation (NFPA 1033 4.4)..... (18%)**
 - A. Utilize proper procedures for managing victims and fatalities **(NFPA 1033 4.4.1)**
 - B. Locate, document, collect, label, package, and store evidence **(NFPA 1033 4.4.2)**
 - C. Select evidence for analysis **(NFPA 1033 4.4.3)**
 - D. Maintain a chain of custody **(NFPA 1033 4.4.4)**
 - E. Dispose of evidence **(NFPA 1033 4.4.5)**

- V. Interview (NFPA 1033 4.5)..... (10%)**
 - A. Develop an interview plan **(NFPA 1033 4.5.1)**
 - B. Conduct interviews **(NFPA 1033 4.5.2)**
 - C. Evaluate interview information **(NFPA 1033 4.5.3)**

- VI. Post-Incident Investigation (NFPA 1033 4.6)..... (20%)**
 - A. Gather reports and records **(NFPA 1033 4.6.1)**
 - B. Evaluate the investigative file **(NFPA 1033 4.6.2)**
 - C. Coordinate expert resources **(NFPA 1033 4.6.3)**
 - D. Establish evidence as to motive and/or opportunity **(NFPA 1033 4.6.4)**
 - E. Formulate an opinion concerning origin, cause, or responsibility for the fire **(NFPA 1033 4.6.5)**

- VII. Presentations (NFPA 1033 4.7) (12%)**
 - A. Prepare a written report **(NFPA 1033 4.7.1)**
 - B. Express investigative findings verbally **(NFPA 1033 4.7.2)**
 - C. Testify during legal proceedings **(NFPA 1033 4.7.3)**