## ALABAMA FIRE COLLEGE

**Fire Inspector II Syllabus**  
**FSC 252**  
**40 Clock Hours**

### Prerequisite(s)
- (Pro Board or IFSAC) Certified Fire Inspector I
- 18 years of age

### Course Description
This course is based on **NFPA 1031: Standard for Professional Qualifications for Fire Inspector and Plan Examiner** and may lead to Pro Board, IFSAC and International Code Council certifications. This course delves deeper into the interpretation of applicable codes and standards, covers the procedure involved in various types of inspections and prepares the inspector for the plans review process. It is an advanced level course which covers a wide range of topics some of which are: Inspection Procedure, Building Construction, Occupancy Classification and Means of Egress, Fire Protection, Water Supply Systems, Plans Review, and the Storage of Hazardous Materials.

### Student Learning Objectives
- Process a permit application.
- Process a plan review application.
- Investigate complex complaints.
- Recommend modifications to codes and standards of the jurisdiction.
- Recommend policies and procedures for the delivery of inspection services.
- Compute the maximum allowable occupant load of a multi-use building.
- Identify the occupancy classifications of a mixed-use building.
- Determine the building’s area, height, occupancy classification, and construction type.
- Evaluate fire protection systems and equipment provided for the protection of life safety, building, or a facility.
- Analyze the egress elements of a building or portion of a building.
- Evaluate hazardous conditions involving equipment, processes, and operations.
- Evaluate emergency planning and preparedness procedures.
- Verify code compliance for storage, handling, and use of flammable and combustible liquids and gasses.
- Evaluate code compliance for the storage, handling, and use of hazardous materials.
- Determine fire growth potential in a building or space.
- Inspect emergency access for a site.
- Verify compliance with construction documents.
- Classify the occupancy type.
- Compute the maximum allowable occupant load.
- Review the proposed installation of fire protection systems.
- Verify that means of egress elements are provided.
- Verify the construction type of a building or portion thereof.

### Required Textbook and Course Materials
- **Fire Inspector: Principles and Practice: Revised 1st Edition**  
- **Fire Inspector I Student Manual** (optional if using Moodle)
- Moodle – If student manual is not purchased

#### Additional materials:
- International Fire Code (edition used by your authority having jurisdiction) **OR**
- Calculator
- Laptop

### Reading Prior to Arrival
- Textbook material suggested

### Daily Activities and Class
This course will involve discussion, questions and answers on the materials, and case studies. Class participation is expected from all students.
# Participation Basis

Alabama Fire College and Personnel Standards Commission, Administrative Code, Chapter 360-X-4-.02: Requirements for Certified Fire Inspector II

## Certification Requirements

To be issued certification, the candidate will:

- provide documentation of prerequisites.
- complete required training hours including skills training.
- successfully complete cognitive written exam.
- successfully complete practical exam.

## Grade Assessment

- **Written Examination**: Perform to a minimum 70% competency on the examination, calculated at 50% of the final score for the course. (One retest is allowed after 30 days but within one year of course end date.)
- **Practical Examination (if applicable)**: Successfully complete a skills/project evaluation to a minimum of 70% competency and successful completion of all critical points. Evaluators will test at least 25% of the skills for each level of skill sheets. Skill sheets will be randomly selected by AFC Certification Unit for this practical examination. The Practical Examination portion is calculated at 50% of the final score. (One retest is allowed after 30 days but within one year of course end date.)

**Example:**
- *Written examination* - 70/100 possible points
  - \( \frac{70}{50} \times 100 = 35 \) points awarded for written exam portion
- *Practical/project* - 40/100 possible points
  - \( \frac{40}{50} \times 100 = 20 \) points awarded for practical portion

\[ \text{Total Points} = 55 \text{ points (student awarded F, score not 70%)} \]

## Accreditation

Alabama Fire College and Personnel Standards Commission maintains accreditation with ProBoard and IFSAC. Each student will automatically receive national registration and certification upon successful completion of all requirements for certification.

## Contact Information

**Link:** [Alabama Fire College Website](tel:1-800-241-2467)
**1-800-241-2467**

**Link:** [Alabama Fire College Bookstore Website](tel:1-866-984-3545)
**1-866-984-3545**

## Academic Misconduct

Academic misconduct or dishonesty, such as cheating and plagiarism, is not permitted in class. Suspected cases of academic misconduct will be reported to the Executive Director. Conduct detrimental to the fire service, on or off campus, will not be tolerated. AFC will investigate any complaints. If a complaint is valid, the student will be dismissed and his/her agency will be notified.

## Attendance Policy

Attendance will be recorded at every class or lab meeting at the beginning of class and after long breaks for required hours. For a week-long certification course, students are required to attend all sessions to obtain certification. For VA students, it is especially important because they will receive benefits only for those days in attendance.

**Special Policy: Fire Fighter I/II**

Students are expected to attend all classes. Failure to appear in class for a scheduled activity will be considered an absence unless prior permission is received from the instructor. For any absence to be excused and makeup work allowed, it must be accompanied by a written description of extenuating circumstances.

**No-Show**

Students who have registered for a fee-waived or stipend course and fail to withdraw according to Alabama Fire College withdrawal policy will not be allowed to register for another fee-waived or stipend course for a period of one year.

**Department Delivery**

In order to qualify for department delivery courses, students must be an Alabama resident or a member of an Alabama fire department.

## Tardiness

Students must adhere to class schedules. Students are required to be punctual for all classes and class activities. Classes will begin promptly at the scheduled time unless specific instructions are given otherwise.

## Safety

Safety of the students is the top priority for Alabama Fire College. Students must adhere to safety regulations while attending a class at the Fire College. Safety instructions are posted in every classroom, as well as escape routes and tornado actions.

## Quality

An evaluation form will be provided for each student at the end of the course. Students may use...
<table>
<thead>
<tr>
<th>Enhancement Plan</th>
<th>this evaluation form as a means of communicating their opinion of the overall course, course content, instructor, and facilities.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Suggested Course Schedule</strong></td>
<td><strong>Day One:</strong> Introductions; Chapter 14: Writing Reports &amp; Keeping Records; Appendix A, Chapter 1: Introduction to Fire Inspector; Chapter 2: Building Construction; Chapter 3: Types of Occupancies</td>
</tr>
<tr>
<td><strong>Day Two:</strong> Chapter 4: Fire Growth; Chapter 5: Performing an Inspection; Chapter 6: Reading Plans</td>
<td><strong>Day Three:</strong> Chapter 7: Occupancy Safety and Evacuation Plans; Chapter 9: Fire Flow and Fire Suppression Systems; Chapter 10: Portable Fire Extinguishers; Chapter 11: Electrical and HVAC Hazards</td>
</tr>
<tr>
<td><strong>Day Four:</strong> Chapter 12: Ensuring Proper Storage and Handling Practices; Chapter 13: Safe Housekeeping Practices</td>
<td><strong>Day Five:</strong> Complete practical exercises, review, skills testing, survey, and certification exam</td>
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*The schedule is subject to change.*