



ALABAMA FIRE COLLEGE

FIRE INSPECTOR I

SYLLABUS

FSC 251

40 CLOCK HOURS

Prerequisite(s)	<ul style="list-style-type: none"> • High School Diploma/GED • 18 years of age
Course Description	<p>This course is based on NFPA 1031: <i>Standard for Professional Qualifications for Fire Inspector and Plan Examiner</i> and may lead to Pro Board, IFSAC and International Code Council certifications. A beginning level course for Fire Fighters and other interested parties wishing to become more involved in the aspect of fire prevention and inspections. This course is primarily designed for those entering into fire service inspections and would be extremely useful to City Inspector and Company Level Officers. Some of the topics covered in this course include: Building Construction, Decorative Materials and Furnishings, Fire Drills, Inspection Procedure, Code Enforcement, Fire Alarm, and Communications.</p>
Student Learning Objectives	<ul style="list-style-type: none"> • Prepare inspection reports. • Recognize the need for a permit. • Recognize the need for plan review. • Investigate common complaints. • Identify the applicable code or standard. • Participate in legal proceedings. • Identify the occupancy classification of a single-use occupancy. • Compute the allowable occupant load of a single-use occupancy or portion thereof. • Inspect means of egress elements. • Verify the type of construction for an addition or remodeling project. • Determine the operational readiness of existing fixed fire suppression systems. • Determine the operational readiness of existing fire detection and alarm systems. • Determine the operational readiness of existing portable fire extinguishers. • Recognize hazardous conditions involving equipment, processes, and operations. • Compare an approved plan to an existing fire protection system. • Verify emergency planning and preparedness measures are in place and have been practiced. • Inspect emergency access for an existing site. • Verify code compliance for incidental storage, handling, and use of flammable and combustible liquids and gasses. • Verify code compliance for incidental storage, handling, and use of hazardous materials. • Recognize a hazardous fire growth potential in a building or space. • Determine code compliance. • Verify fire flows for a site.
Required Textbook and Course Materials	<p><u>Fire Inspector: Principles and Practice: Revised 1st Edition</u> <u>Fire Inspector I Student Manual</u> (optional if using AFC Online Classrooms)</p> <p>Additional materials:</p> <ul style="list-style-type: none"> • International Fire Code (edition used by your authority having jurisdiction) OR, • NFPA 1: <i>Uniform Fire Code</i> AND NFPA 101: <i>Life Safety Code</i> (edition used by your jurisdiction) • Calculator • Laptop
Reading Prior to	<ul style="list-style-type: none"> • Textbook material suggested

Arrival	
Daily Activities and Class Participation	This course will involve discussion, questions and answers on the materials, and case studies. Class participation is expected from all students.
Basis	Alabama Fire College and Personnel Standards Commission, Administrative Code, Chapter 360-X-4-.01: Requirements for Certified Fire Inspector I
Certification Requirements	To be issued certification, the candidate will: <ul style="list-style-type: none"> • provide documentation of prerequisites. • complete required training hours including skills training. • successfully complete cognitive written exam. • successfully complete practical exam.
Grade Assessment	<ul style="list-style-type: none"> • 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.) <p>Example:</p> <p>Written examination - 70/100 possible points 70 x 50% = 35 points awarded for written exam portion</p> <p>Practical/project - 40/100 possible points 40 x 50% = 20 points awarded for practical portion</p> <p>Total Points = 55 points (student awarded F, score not 70%>)</p>
Accreditation	Alabama Fire College and Personnel Standards Commission maintains accreditation with Pro Board and IFSAC. Each student will automatically receive national registration and certification upon successful completion of all requirements for certification.
Contact Information	<p>Link: Alabama Fire College Website 1-800-241-2467</p> <p>Link: Alabama Fire College Bookstore Website 1-866-984-3545</p>
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	<p>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.</p> <p>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.</p> <p>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.</p> <p>Department Delivery: In order to qualify for department delivery courses, students must be an Alabama resident or a member of an Alabama fire department.</p>
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 Enhancement Plan	An evaluation form will be provided for each student at the end of the course. Students may use this evaluation form as a means of communicating their opinion of the overall course, course content, instructor, and facilities.
Course Schedule	<p><i>Suggested Course Schedule</i></p> <p>Day One: Introductions; Chapter 14: Writing Reports & Keeping Records; Chapter 1: Introduction to Fire Inspector; Chapter 2: Building Construction; Chapter 3: Types of Occupancies</p> <p>Day Two: Chapter 4: Fire Growth; Chapter 5: Performing an Inspection; Chapter 6: Reading Plans; Chapter 7: Occupancy Safety and Evacuation Plans</p> <p>Day Three:; Chapter 8: Fire Detection Systems; Chapter 9: Fire Flow and Fire Suppression Systems; Chapter 10: Portable Fire Extinguishers</p> <p>Day Four: Chapter 11: Electrical and HVAC Hazards; Chapter 12: Ensuring Proper Storage and Handling Practices; Chapter 13: Safe Housekeeping Practices</p> <p>Day Five: Complete practical exercises, review, skills testing, survey, and certification exam</p> <p><i>The schedule is subject to change.</i></p>