



**DEPARTMENT OF FINANCIAL SERVICES**

Division of State Fire Marshal  
Bureau of Fire Standards & Training

**Codes and Standards  
FFP1510, BFST1510, ATCP1510**

**Title: Master Syllabus**

**Date: July, 2017**

<b>Course Title</b>	Codes and Standards
<b>Course Number</b>	FFP1510, BFST1510, ATCP1510
<b>Prerequisite(s)</b>	None
<b>Revision Date</b>	July, 2017
<b>College Credit Recommendation/Contact hours</b>	This course has a college recommendation of 3 credits...45 hours
<b>Continuing Education Units (CEU's)</b>	45 hours towards Instructor and Inspector renewal.
<b>Class Days/Time</b>	If on the Fire College Campus - 8:00am to 5:00pm with 5 additional hours of out of class work may be required.
<b>Instructional Supervisor</b>	Name: Francis J. Ennist Email: <a href="mailto:frank.ennist@myfloridacfo.com">frank.ennist@myfloridacfo.com</a>
<b>Program Specialist Contact Info</b>	
<b>Course Description</b>	This course is a vital segment in completing the Fire Safety Inspector certification. This course is designed to familiarize inspectors with the Florida Fire Prevention Code which includes NFPA 101, NFPA 1, FSS 633, and FAC 69A. Students will learn how to research codes and apply them to inspection activities.
<b>Instructor Qualifications</b>	69A-37.065(3) Firesafety Inspector I - <ul style="list-style-type: none"> <li>(a) Instructor Qualification: An Instructor I must hold certification as a Firesafety Inspector I.</li> <li>(b) Instructor II or III may teach Provided he or she has successfully completed the course.</li> </ul> Firesafety Inspector II <ul style="list-style-type: none"> <li>(a) Instructor must hold a certificate of competency as a Fire Safety Inspector II</li> <li>(b) Instructor II or III may teach provided he or she has successfully completed the course.</li> </ul>
<b>Student Learning Outcomes</b>	After the successful completion of this course, the student will be able to do the following:

	<ol style="list-style-type: none"> <li>1. Define the purpose and intent of the Florida Fire Prevention Code (FFPC) and Florida general law and statutes.</li> <li>2. Discuss the roles and responsibilities between all persons affected by the FFPC.</li> <li>3. Search NFPA 1 for codes and apply them to inspection activities.</li> <li>4. Demonstrate how to locate necessary information in NFPA 101 and apply the information to inspection activities.</li> <li>5. Demonstrate how to locate necessary information regarding fire protection features and apply the information to inspection and plan review activities.</li> <li>6. Demonstrate how to locate and apply the 69A FAC provision that relates to inspections and plans review.</li> <li>7. Demonstrate an understanding of the relations of the FFPC and Florida Statutes 633 to the new construction process under Florida Statute 553 and the Florida Building Code.</li> <li>8. Demonstrate an understanding of the Declaratory Statement process in FS120 and meaning of a Declaratory Statement.</li> <li>9. Demonstrate an understanding of the code development process for the FFPC and the NFPA codes and standards.</li> </ol>
<b><i>Textbook used by BFST</i></b>	<i>Florida Fire Prevention Code</i> , (6 <sup>th</sup> Edition) ISBN 9781557019424
<b><i>Required Materials</i></b>	None.
<b><i>Method of Instruction</i></b>	Classroom
<b><i>Grading</i></b>	Passing 70%
<b><i>Certification(s)</i></b>	One of five required courses for Firesafety Inspector I certification.
<b><i>Attendance Policy</i></b>	You are required to attend all sessions of the course and complete all pre-course assignments. Failure to appear in class for a scheduled activity will be considered an absence unless you make arrangements with the instructor for a make-up session. Failure to make up missed sessions prior to the next session will result in an absence. Students are allowed to miss 10% of the class and still receive credit.
<b><i>Academic Integrity</i></b>	Academic integrity is crucial to the learning community and indicates respect for the college, the instructor, the course, your classmates and yourself. Any violation of this trust, including but not limited to cheating, plagiarism, collusion, or using or having any content of an un-administered test, will result in immediate dismissal from the course. Under Florida Statute 633, any student dismissed for academic dishonesty can be refused acceptance for any course administered by FSFC.
	Training      You must be certified by the State of Florida as an

	<p><b>Provider Message</b> Instructor I, II, or III, or a State of Florida recognized Fire Department, or hold a certification as a Single Course Exemption Instructor. Applications can be made through the Bureau of Fire Standards and Training. Organization Providers are Schools, Government Entities, and Businesses that need to apply and be approved by the Florida State Fire College.</p> <p><b>Instructor Message</b> You may teach courses for this type of Certification or Competency only if you hold the certification, and the appropriate disciplines.</p> <p><b>Pre-Certification Message</b> To be certified as a Firesafety Inspector I in the State of Florida, an individual must; never have been convicted of felony, successfully complete 200 hours of basic certification training for firesafety inspectors, or have received equivalent training in another state, and pass a state written examination. To apply for this certification, login as a student, click on Apply, select certification exam and follow the process to submission. Supporting documentation may be scanned and attached or faxed to 352-732-1374. When faxing, note "on-line application" on the fax along with a contact phone number. You will need to have your fingerprints digitally taken and submitted. Directions on how to do this are on the home page. <b>NOTE*** WHEN YOU ARE APPROVED TO TEST OR IF ADDITIONAL INFORMATION IS REQUIRED, A MESSAGE WILL BE SENT TO YOUR INBOX. PLEASE CHECK YOUR INBOX ON A REGULAR BASIS.</b></p> <p><b>Renewal Message</b> You must complete 54 hours of continuing education within your 4-year time frame. You may opt to take the examination in place of the 54 hours as indicated on your renewal application. In the event that the applicant for renewal fails the examination he/she shall be required to repeat the Firesafety Inspector Training Program, per FAC 69A-39.009. When taking a state exam, please ensure that your personal profile matches the identification that you plan to produce at PearsonVue.</p> <p><b>NFPA</b> Fire Safety Inspector I/II</p>
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	Subject and Level
<i>Students with Disabilities</i>	Any student who has a permanent or temporary disability that may require a reasonable accommodation to participate in the course must present documentation of the disability and requested accommodation no later than the beginning of the course.
<i>Emergency Evacuation Policy</i>	<p>Emergency procedures for the institution or training facility should be followed.</p> <p>If on the Florida State Fire College campus, the occupants of the buildings on campus are required to evacuate and assemble outside when a fire alarm is activated or an announcement is made. Please be aware of the following policies regarding evacuation.</p> <ul style="list-style-type: none"> <li>• Familiarize yourself with all exit doors of the classroom and the building.</li> <li>• Remember that the nearest exit door may not be the one you used when you entered the building.</li> <li>• If you require assistance to evacuate, inform the instructor on the first day of class.</li> <li>• In the event of an evacuation, follow the guidance of the instructor.</li> <li>• Do not re-enter a building unless you are given instructions by Florida State Fire College personnel to do so.</li> </ul>
<i>Requesting Emergency Care</i>	<p>Emergency procedures for the institution or training facility should be followed.</p> <p>If on the Florida State Fire College campus, any request for emergency care should be initiated by calling “911” from any phone on campus of the Florida State Fire College. Phones are located in each classroom. Additionally, in the event of any emergency, immediately contact an instructor or staff member.</p>
<i>Critical Event Procedures</i>	<p>Emergency procedures for the institution or training facility should be followed.</p> <p>If on the Florida State Fire College campus:</p> <p><b>Severe Weather</b> – there is a lightning detection system on campus which has an audible 15 second blast of an air horn. If you are outside, please follow your instructor or move to the closest permanent building. Once the threat is over, there will be three 5 second blasts of the signal.</p> <p><b>Security</b> – During the daytime, security is handled by full time faculty and staff. There are security guards on duty in the evenings and weekends. Please comply with the requests made of security officers. Failure to do so can result in removal from campus.</p>

	<p><b>Student Badges</b> – You will be issued a badge to be worn anytime you are on campus.</p>
<p><i>Enabling Objectives</i></p>	<p>Given information from discussion and reading materials, the student will perform the following objectives to a written test accuracy of at least 70% and meet the applicable job performance requirements of NFPA 1031 (2014).</p> <p><b><u>Module 1 Florida Administrative Code 69A and Florida State Statute 633</u></b></p> <ol style="list-style-type: none"> <li>1. Discuss the code adoption process</li> <li>2. Define how conflicts in various codes are to be resolved.</li> <li>3. Discuss enforcement power.</li> <li>4. Define who is exempt from the FFP Code.</li> <li>5. Understand the process of proposing amendments to the code.</li> <li>6. Discuss relationship between FFPC and FBC.</li> <li>7. Discuss different scope between NFPA 1 and 101.</li> <li>8. Discuss the role of referenced standards.</li> <li>9. Discuss scope and role of 69A standards.</li> <li>10. Identify other statutes that will be referred to during career for fire alarm, sprinkler, fire pump and other contractors.</li> </ol> <p><b><u>Module 2 NFPA 1</u></b></p> <ol style="list-style-type: none"> <li>1. Describe the contents of the Administration Chapter.</li> <li>2. Define equivalencies and alternatives.</li> <li>3. Define who the AHJ is and their authority.</li> <li>4. Discuss the difference between prescriptive and performance based design.</li> <li>5. Describe paperwork related to codes and standards including records, reports, permits, approvals, notice of violation.</li> <li>6. Describe the plans review process for site plans.</li> <li>7. Describe the plans review process for architectural plan building permits.</li> <li>8. Describe the plans review process for shop drawings permits.</li> <li>9. Recognize definitions as presented in Chapter 3.</li> <li>10. Discuss water supply and fire department access provisions.</li> <li>11. Explain occupancy.</li> <li>12. Define historical buildings.</li> <li>13. Apply general fire safety codes to all inspections.</li> <li>14. Review Hazardous Materials chapter provisions</li> <li>15. Discuss the General Safety chapter provisions</li> <li>16. Enforcement procedures for violations via FS 162 for citations and code board.</li> <li>17. Understand the differences between a “Certificate of</li> </ol>

	<p>Occupancy” a “Certificate of Completion” and a “Certificate of Use”</p> <ol style="list-style-type: none"> <li>18. Identify requirements for means of egress.</li> <li>11. Describe the three parts of means of egress.</li> <li>12. Recognize factors that affect egress.</li> </ol> <p><b><u>Module 3 NFPA 101 Part I</u></b></p> <ol style="list-style-type: none"> <li>1. Identify the classification of various new and existing occupancies.</li> <li>2. Discuss means of egress in terms of life safety.</li> <li>3. Define horizontal exits.</li> <li>4. Determine occupant load.</li> <li>5. Determine exit capacity.</li> <li>6. Describe exit location.</li> <li>7. Define half the diagonal rule.</li> <li>8. Discuss appropriate discharges from exits.</li> <li>9. Discuss latching / locking devices.</li> </ol> <p><b><u>Module 4 NFPA 101 Part II</u></b></p> <ol style="list-style-type: none"> <li>1. Explain how fire barriers are rated and its impact on compartmentalization.</li> <li>2. Understand the difference between fire partitions, fire barriers and fire walls.</li> <li>3. Define penetrations and how they must be protected.</li> <li>4. Define fire rated assemblies.</li> <li>5. Identify when special hazard protection is needed.</li> <li>6. Discuss vertical openings.</li> <li>7. Identify codes applying to fire alarm systems.</li> <li>8. Discuss codes applying to sprinklers.</li> <li>9. Identify codes that impact interior finishes, contents and furnishings.</li> <li>10. Identify various types of special structures and their life safety requirements.</li> <li>11. Discuss occupancies as covered in Chapters 12 to 43.</li> <li>12. Provide UL listings for fire walls and explain how to understand and inspect them.</li> <li>13. Provide UL Listings for fire stopping penetrations and joints and explain how to understand and inspect them.</li> </ol>