

Firefighting Tactics and Strategies II

Course Title	Firefighting Tactics and Strategies II
Course Number	ATPC2811
Prerequisite (s)	None
Revision Date	August 9, 2018
College Credit Recommendation	This course has a college recommendation of 3 credits, 45 contact hours
Continuing Education Units (CEU's)	Does not count towards certification renewal
Class Days/Time	Online continuing, join anytime
Instructional Supervisor	Ben Rigney (info@jbfires.com)
Class Location	JBFires.com online
Course Description	This self-paced online course covers multiple company operations, logistics, strategy, use of mutual aid services and operations at complex buildings. The course is intended for officers who may be in command of fires and other emergencies involving close coordination and maximum use of large amounts of personnel and equipment. Risk management planning and critical thinking skills are stressed.
Student Learning Outcomes	<p>After the successful completion of this course, the student will be able to do the following:</p> <ol style="list-style-type: none"> 1. Identify strategic considerations for special situations and occupancies. 2. Identify strategic considerations for health care and high-risk occupancies. 3. Identify characteristics and size-up of commercial and industrial occupancies and their impact on strategies. 4. Discuss strategies for hazardous materials incidents and possible terrorist events. 5. Describe how to critique and incident and discuss incident stress.
Required Textbook	Strategic & Tactical Considerations of the Fire-Ground, 4rd Edition, Brady. ISBN # 13:978-0-13-4444264-8 Chapters 7 to 11 are covered
Required Material	Computer with internet access, textbook
Method of Instruction	Online (Must be logged into the course for a minimum of 40 Hours. The other 5 hours will be utilized for offline research.)
Grading	Passing 70%
Certification(s)	One of six required courses for Fire Officer 2 classification
Attendance Policy	Self paced online course to be completed within 1 month. If unable to continue for valid reason, contact instructor for course to be placed on hold or restarted at a later date. No refunds will be given

	for non completion. All courses completed by the end of the month will receive their final score and certificate by the 15 th of the following month.
Academic Integrity	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 unadministered test, will result in immediate dismissal from the course.
Students with Disabilities	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.
Enabling Objectives	<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 1021 (2009).</p> <p>Chapter 7: Special Situations and Occupancies</p> <ol style="list-style-type: none"> 1. Understand the special occupancies discussed and the types of fires that may confront firefighters. 2. Identify pertinent characteristics of these occupancies. 3. Recognize the 13 points of size-up that pertain to these special occupancies. 4. Recognize the strategic considerations for these special occupancies. 5. Understand the incident management considerations of special occupancies. 6. Identify safety concerns when around solar panels /power at commercial occupancies. (FL Specific) 7. Discuss concerns with Green Building Technology. (FL Specific) <p>Chapter 8: Health Care and High-Risk Populations</p> <ol style="list-style-type: none"> 1. Understand the special occupancies discussed and the types of fires that may confront firefighters. 2. Identify pertinent characteristics of special occupancies. 3. Recognize the 13 points of size-up that pertain to special occupancies. 4. Recognize the strategic considerations for special occupancies.

5. Understand the incident management considerations of special occupancies.

Chapter 9: Commercial and Industrial

1. Understand the occupancies discussed and the types of fires that may confront firefighters.
2. Identify pertinent characteristics of these occupancies.
3. Recognize the 13 points of size-up that pertain to these occupancies.
4. Recognize the strategic considerations for these occupancies.
5. Understand the incident management considerations of these occupancies.
6. Be able to identify the basic components needed in an operational guideline for high-rise fires.
7. Have a basic understanding of high-rise building systems.
8. Identify the specific components of a high-rise command system.

Chapter 10: Technical Operations

1. Discuss the initial concerns at a hazardous materials incident.
2. Set up initial exclusion zones at suspected hazardous materials incident.
3. Identify the difference between evacuation and protecting in place.
4. Discuss the types of storage tanks at tank farms and refineries.
5. Discuss fire extinguishment concerns at tank farms and refineries.
6. Discuss boil over, slop over, and froth over at a burning storage tank.
7. Discuss weapons of terrorism.
8. Discuss the actions of the first-arriving officer at a suspected terrorism event.
9. Understand the stages of response at a suspected or confirmed terrorism event.
10. Discuss strategic considerations if confronted with a dirty bomb incident.
11. Describe the protection provided by a firefighter's personal protective gear at a suspected dirty bomb incident.
12. Discuss radiation exposure considerations for firefighters at a dirty bomb incident.

	<p>13. Discuss strategic considerations at an incident involving a clandestine drug lab.</p> <p>14. Discuss the problems associated with natural disasters.</p> <p>15. Discuss the strategic considerations needed for a natural disaster incident.</p> <p>Chapter 11: After the Incident</p> <ol style="list-style-type: none"> 1. Recognize the signs and symptoms of incident stress. 2. Recognize the benefit of both formal and informal critiques. 3. Understand how to perform a self-critique.
<p>Practical Applications</p>	<p>Final project: Identify and prepare, detailed pre-fire plan and tactical evaluation of a structure with in your municipality, prepare a document (with photographs) and guide and display the tactical ability and target hazards of such structure. Prepare a tactical worksheet and display your objectives and outcomes.</p> <p>This document shall include:</p> <ol style="list-style-type: none"> 1. water supply 2. tactical objectives 3. tactical ability of your organization
<p>Class Participation</p>	<p>Your class participation grade will consist of 1 discussion post along with 1 response to your classmates for each lesson. The recommended wordcount is 100 words for your initial post and 20 words for each response. Your grade will be based off of the quality of your posts.</p>
<p>Grading Scale</p>	<p>Quizzes 25%</p> <p>Class participation 25%</p> <p>Course project 25%</p> <p>Final exam 25%</p>