

Name:	<i>Strategy and Tactics I</i>		
Course Description:	This course provides an in-depth analysis of the principles of fire control through utilization of personnel, equipment, and extinguishing agents on the fire ground.		
Prerequisite:	<i>None</i>		
Outcomes:	<ol style="list-style-type: none"> 1. Demonstrate (verbally and written) knowledge of fire behavior and the chemistry of fire. 2. Articulate the main components of pre-fire planning and identify steps during a pre-fire plan review. 3. Recall the basics of building construction and how they interrelate to pre-fire planning. 4. Recall major steps taken during size-up and identify the order in which they will take place at an incident. 5. Recognize and articulate the importance of fire ground communications. 6. Identify and define the main functions within the ICS system and how they interrelate during an incident. 7. Given different scenarios, the student will set up an ICS, call for appropriate resources and bring the scenario to a mitigated or controlled conclusion. 8. Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness and vehicle operations. 		
Student Text:	<i>Fireground Strategies 2nd Edition by Anthony Aвило ISBN 978-1-59370-159-8</i>		
Instructional Methods	Instructional methods include computer based visual aides, internet usage for case studies, practical problems that involve various modern building construction methods, and the inherent dangers of modern design.		
Grading Assessment:	The quizzes are an important tool to prepare the student for the State Exam. Three assignments, final Tactics Scenario worth and a final exam.		
Points of Contact:	Health career Institute (561) 586-0121 Office (561) 471-4010 Fax		
Grading	A 90-100 B 80-89	C 70-79 D 60-69	F <60
Grading Assessment	3 Quizzes	10 Points = 30	Chapters 1-2, 3-4, 5-6
	3 Assignments	10 Points = 30	
	Final Cumulative	25 Points= 25	Chapters 1-6
	<u>Final scenario</u>	<u>15 Points=15</u>	
	Total	100	

Course Outline

<i>Strategy and Tactics</i>	<i>Contact Hours</i>
I. Fire Chemistry Terms and Concepts	4.5
A. Heat Transfer	
B. Principle Fire Characteristics of Materials	
C. Fire Classifications	
II. Extinguishing Equipment	3
A. Extinguishing Equipment	
B. Fire Apparatus	
C. Personnel Requirement	
III. Visual Perception	4.5
A. Pre-planning	
B. Size-up	
IV. Pre-Fire Planning	6
A. Concept	
B. Phases	
C. Methods	
D. Format	
E. Occupancy Classifications	
F. Building Types	
V. Basic Divisions of Tactics	6
A. Size-up	
1. Facts	
2. Probabilities	
3. Own Situation	
4. Decision	
5. Plan of Operation	
VI. Rescue	6
A. Life Safety Problems of Fire	
B. Determination of Life Hazard	
C. Rescue Resources and Operations	
VII. Exposures	3
A. Principle Contributing Factors	
B. Exposure Protection Operations	

VIII.	Confinement	6
	A.	Fire Separations
	B.	Fire Loading
	C.	Built-in Protection
	D.	Operations
IX.	Ventilation	3
	A.	Relationship to Objectives
	B.	Equipment
	C.	Roof Types
	D.	Methods
X.	Salvage	
	A.	Relationship to Objectives
	B.	Equipment
	C.	Operations During Fire
	D.	Operations After Fire