

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: FFP 2811

COURSE TITLE: Fire Fighting Tactics and Strategy II

PREREQUISITE(S): FFP 2810

COREQUISITE(S): None

CREDIT HOURS: 3

CONTACT HOURS/WEEK: 3

CONTACT HOUR BREAKDOWN:

Lecture/Discussion: 3

Laboratory:

Other:

FACULTY WORKLOAD POINTS: 3

STANDARDIZED CLASS SIZE
ALLOCATION: 25

CATALOG COURSE DESCRIPTION:

The Curriculum covers multiple company operations, logistics, strategy, and use of mutual aid forces during conflagration control. This course is intended for officers who may be in command of fires and other emergencies involving close coordination and maximum use of large numbers of personnel and equipment. Typical tactical situations and case histories are presented. The development of critical decision making skills is stressed

SUGGESTED TEXT(S) Fire Fighting Principles and Practices,
2nd Edition, William Clark

IMPLEMENTATION DATE: Fall Term, 2002 (20031)

REVIEW OR MODIFICATION DATE:

COURSE TOPICS	CONTACT HOURS <u>PER TOPIC</u>
I. The Fire Building	6
A. Vertical Spread	
B. Structural Failure	
C. Building Collapse	
D. Mill Construction	
E. Collapse from Water	
II. Sprinkler Operations	6
A. Checking Supply	
B. Flow	
C. Wet Pipe	
D. Dry Pipe	
E. Deluge Systems	
III. Ladder Operations	6
A. Common Mistakes	
B. Positioning	
C. Ground Ladders	
D. Scaling Ladders	
IV. Engine Company Operations	6
A. Hydrants	
B. Tandem Pumping	
C. Hose Operations	
D. Large Diameter Hose	
E. Delivery of Water	
F. Interior Firefighting	
G. Exterior Attack	
V. Pre-Fire Planning	6
A. Stress on Non-Variables	
B. Post-Fire Analysis	
C. Questionnaire Guide	
D. Evaluation Standards	
VI. Major Fires	6
A. Logistical Factors	
B. Staging	
C. Holding Actions	
D. Mutual Aid	

COURSE TOPICS (CONTINUED)	CONTACT HOURS <u>PER TOPIC</u>
VII. The Everyday Fire	6
A. Plastics B. Basement Fires C. Attic Fires D. Multiple Dwellings E. Garden Apartments. F. Factory Fires	
VIII. Special Problem Fires	3

PROGRAM TITLE: Fire Service Technology
COURSE TITLE: Fire Fighting Tactics and Strategy II
CIP NUMBER: 1743.020100

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

04.0 DEMONSTRATE KNOWLEDGE OF FIRE APPARATUS--The student will be able to:

- 04.01 Identify the function of a fire company.
- 04.02 Describe the functions of the following units: (a) pumper company; (b) aerial company; (c) rural company; (d) a crash fire rescue unit; (e) elevated platform.
- 04.03 Describe crash-fire-rescue and its uses.
- 04.04 Identify special equipment used in the following apparatus: (a) rescue; (b) chemical; (c) floodlight and power; (d) air truck.
- 04.05 Identify formulas necessary for fire ground calculations for fire flow and water supply needed.
- 04.06 Identify, describe, operate, have the knowledge of the care and maintenance of the various types of firefighting apparatus in use and fire service.

05.0 DEMONSTRATE KNOWLEDGE OF THE STRATEGIES OF FIRE CONTROL--The student will be able to:

- 05.01 Define the firefighting strategy necessary for fire control in structures.
- 05.02 Define the firefighting strategy necessary for fire control in flammable liquids.
- 05.03 Define the firefighting strategy necessary for fire control in liquefied petroleum or natural gas.
- 05.04 Define the firefighting strategy necessary for fire control in vehicles.

13.0 DEMONSTRATE SAFETY PROCEDURES--The student will be able to:

- 13.01 Identify dangerous building conditions created by fire.
- 13.02 Demonstrate techniques for action when trapped or disoriented in a fire situation or a hostile environment.
- 13.03 Define procedures to be used in electrical emergencies.
- 13.04 Define fire service lighting equipment.
- 13.05 Identify safety procedures when using fire service lighting equipment.
- 13.06 Demonstrate use of portable power plants, lights, cords, and connectors.
- 13.07 Demonstrate the service and maintenance of portable power plants and lighting equipment.
- 13.08 Define safety procedures as they apply to emergency operations. The specific areas to be defined are: (a) protective equipment; (b) team concept; (c) portable tools and equipment; (d) riding an apparatus; (e) hazardous materials incidents.
- 13.09 Identify the most common causes of personal injury to the fire fighter.
- 13.10 Given specific hazards, develop an accident prevention program applicable to the officer's duty assignment.

LIST PERFORMANCE STANDARD ADDRESSED: (CONTINUED)

NUMBER(S): TITLES(S):

13.11 Given accident and injury reports, evaluate the reports and describe appropriate prevention measures.

13.12 Given rules, regulations, directives, policies and laws regarding safety practices: (a) demonstrate procedures required to enforce the safety regulations, (b) demonstrate how to maintain complete and accurate records.

16.0 FOLLOW PRINCIPLES OF EFFECTIVE SUPERVISION AND LEADERSHIP--The student will be able to:

16.01 Describe the advantages, disadvantages, and effects of various recognized styles of leadership.

16.02 Given a summary of the functions of a leader, (a) describe the officer's responsibility in promoting cooperation, and (b) describe how group cooperation may be obtained.

16.03 Identify the three types of verbal orders and demonstrate their use in each of the following situations: (a) during emergency situations, (b) in the station, (c) during training sessions.

16.04 Given a list of policies which may be used by a department, (a) describe how the various policies affect the officer, (b) describe the officer's role in interpreting the policies, (c) describe why accuracy, clarity, and impartiality are important in interpreting policy, (d) describe how to implement the policies in the leadership role.

16.05 Given the personnel rules of the department, describe how to deal fairly, firmly, and equally with subordinates.

16.06 Recognize the symptoms of employee-related problems in the areas of substance abuse, situational stress, and behavioral change, and indicate the appropriate action according to the policies and procedures established by the authority having jurisdiction.



NOTE: Use either the Tab key or mouse click to move from field to field. The box will expand to accommodate your entry.

Section 1	
COURSE PREFIX AND NUMBER: <u>FFP 2811</u>	SEMESTER CREDIT HOURS (CC): <u>3</u> CONTACT HOURS (NCC): _____
COURSE TITLE: <u>Firefighting Tactics & Strategy</u>	

Section 2
TYPE OF COURSE: (Click on the box to check all that apply)

<input type="checkbox"/> AA Elective	<input type="checkbox"/> AS Required Professional Course	<input type="checkbox"/> College Prep
<input type="checkbox"/> AS Professional Elective	<input checked="" type="checkbox"/> AAS Required Professional Course	<input type="checkbox"/> Technical Certificate
<input type="checkbox"/> Other _____	<input type="checkbox"/> PSAV	<input type="checkbox"/> Apprenticeship
<input type="checkbox"/> General Education: (For General Education courses, you must also complete Section 3 and Section 7)		

Section 3 (If applicable)
INDICATE BELOW THE DISCIPLINE AREA FOR GENERAL EDUCATION COURSES:

<input type="checkbox"/> Communications	<input type="checkbox"/> Social & Behavioral Sciences	<input type="checkbox"/> Mathematics
<input type="checkbox"/> Natural Sciences	<input type="checkbox"/> Humanities	

Section 4
INTELLECTUAL COMPETENCIES:

<input checked="" type="checkbox"/> Reading	<input checked="" type="checkbox"/> Speaking	<input checked="" type="checkbox"/> Critical Analysis	<input type="checkbox"/> Quantitative Skills	<input type="checkbox"/> Scientific Method of Inquiry
<input checked="" type="checkbox"/> Writing	<input checked="" type="checkbox"/> Listening	<input type="checkbox"/> Information Literacy	<input checked="" type="checkbox"/> Ethical Judgment	<input checked="" type="checkbox"/> Working Collaboratively

Section 5	LEARNING OUTCOMES	METHOD OF ASSESSMENT
	• Demonstrate knowledge of Fire Apparatus	Exam
	• Identify the function of a fire company	Exam
	• Describe the functions of a pumper company; aerial company; rural company; a crash fire rescue unit; and an elevated platform	Exam
	• Demonstrate knowledge of the strategies of fire control	Exam
	• Demonstrate safety procedures for: hostile environments; fire service lighting equipment; emergency operations as applied to: protective equipment; team concept; portable tools and equipment; riding an apparatus and hazardous materials incidents	Exam
	• Follow principles of effective supervision and leadership	Exam
	• Describe the advantages, disadvantages, and effects of various recognized styles of leadership	Exam

Section 6

Name of Person Completing This Form: Dr. Deborah Mertz/Kenneth Ellison Date: 10/9/2007