

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: FES 3803

COURSE TITLE: Disaster and Fire Defense Planning

PREREQUISITE(S): None

COREQUISITE(S): None

STUDENT ADVISING NOTES: Junior Level Status or Above

CREDIT HOURS: 3

CONTACT HOURS/WEEK: 3

CONTACT HOUR BREAKDOWN:

Lecture/Discussion: 3

Laboratory:

Other _____:

FACULTY WORKLOAD POINTS: 3

STANDARDIZED CLASS SIZE ALLOCATION: 30

CATALOG COURSE DESCRIPTION:

This course examines concepts and principles of community risk assessment, planning, and response to fires and natural disasters, including the Incident Command System (ICS), mutual aid and automatic response, training and preparedness, communications, civil disturbances, natural disasters, hazardous materials planning, mass casualty disasters, earthquake preparedness, and disaster recovery.

SUGGESTED TEXT(S): Disaster and Fire Defense Planning Course Guide, National Fire Academy ICS Self-Study CD-ROM, U. S. Fire Administration

IMPLEMENTATION DATE: Fall Term, 2006 (20071)

REVIEW OR MODIFICATION DATE: Spring Term, 2007 (20072)

COURSE TOPICS	CONTACT HOURS <u>PER TOPIC</u>
I. Introduction	6
<ul style="list-style-type: none"> A. Provide the generic and technical meanings of disaster and emergency; B. List the types of disasters and their similarities and differences; C. Discuss the importance of disaster planning; D. Differentiate between human-caused and technological hazards, natural hazards, and domestic security threats; E. Identify the distinguishing characteristics of hazards, emergencies, and disasters; F. Discuss the provisions of the Robert T. Stafford Disaster Relief and Emergency Assistance Act as they relate to the Federal Response Plan (FRP) for local and State emergencies; and G. Discuss the availability of outside resources: local, State, Federal, and private. 	
II. Preparing to Plan	6
<ul style="list-style-type: none"> A. Describe the concept of CEM; B. Describe the origins of the FEMA; C. Describe the IEMS concept; D. Describe the four phases of IEMS: preparedness, response and recovery, and mitigation; E. Describe the hazard assessment process; F. Define the purpose of capability assessment; G. Define the concepts of mutual aid and automatic aid; H. Identify the personnel and agencies that play a role in formulating an EOP; and I. Describe the fire department's leadership role in integrated community disaster planning. 	
III. Developing an Emergency Operations Plan	6
<ul style="list-style-type: none"> A. List four problems that confront fire chiefs in the development of Emergency Operations Plans (EOP's); B. Explain why a team approach to disaster planning is recommended; C. Describe the steps in preparing a written EOP; D. Describe the purpose and components of the EOP Basic Plan; E. Describe how an EOP resource inventory supports the plan; and F. Discuss the planning issues that are common to the development of most EOP's. 	
IV. Functional Annexes and Hazard-Specific Appendices	5
<ul style="list-style-type: none"> A. Identify multiagency responsibilities in disaster response; B. Describe how functional annexes and hazard-specific appendices support the overall emergency management plan; C. Explain the difference in required responses for different types of hazards; D. List examples of each hazard type; E. Identify the unique planning issues for each hazard type; F. Discuss the impact on the community of each hazard type; and G. Discuss how mass casualty affects a community's disaster plan. 	

COURSE TOPICS	CONTACT HOURS <u>PER TOPIC</u>
<p>V. Managing the Disaster: Incident Command</p> <p>A. Explain the background and development of ICS;</p> <p>B. Describe and explain the principles and features of ICS;</p> <p>C. Explain how an ICS incident organization expands or contracts to meet operational needs of the incident or event;</p> <p>D. Describe the use of branches, divisions, and groups within the Operations Section, and provide the supervisory titles associated with each level;</p> <p>E. Discuss the advantages of Unified Command and the kinds of situations that may call for a Unified Command organization;</p> <p>F. Identify the primary features of a Unified Command organization;</p> <p>G. Define Area Command;</p> <p>H. Describe the principal advantages of using Area Command;</p> <p>I. Describe how, when, and where Area Command would be established;</p> <p>J. Describe an Area Command organization;</p> <p>K. Describe the kinds of incident management problems that the lack of multiagency coordination can create;</p> <p>L. Identify the levels at which multiagency coordination commonly is accomplished;</p> <p>M. Identify primary components of a multiagency coordination system;</p> <p>N. Identify essential differences between Area Command, multiagency coordination, and Emergency Operations Centers (EOC's); and</p> <p>O. Discuss the responsibilities of a multiagency coordination group.</p>	6
<p>VI. Communications</p> <p>A. Identify communications issues regarding the levels of people in local, State, and Federal agencies that will respond in times of disaster;</p> <p>B. Describe the modes of communications that can be used during major emergencies and the individuals who need to share information;</p> <p>C. Discuss the communications needs of each organizational level;</p> <p>D. List the communications modes available to emergency response agencies during major emergencies;</p> <p>E. Explain the different uses of computers during major emergencies;</p> <p>F. Identify the most common types of communications problems that develop during major emergencies; and</p> <p>G. Describe alternative/redundant communications systems in the event of system failure.</p>	5
<p>VII. Evaluating the Plan</p> <p>A. Identify the types of disaster exercises;</p> <p>B. Describe how exercises can be used to evaluate fire department plans and procedures;</p> <p>C. Identify the steps in an exercise design process; and</p> <p>D. Describe the disaster training capabilities that should exist within a fire department, especially as they relate to exercising the emergency operations plan.</p>	5

COURSE TOPICS

CONTACT HOURS
PER TOPIC

VIII. Aftermath and Recovery

6

- A. Identify the four phases of a disaster and describe the partnerships among the Federal, State, and local governments in each of the four phases
- B. Discuss several forms of Federal assistance and explain the terms and conditions under which Federal disaster relief may be made available
- C. Describe the sequence of events through which a Presidential disaster may be declared
- D. Identify the stages of the damage assessment process and the reporting requirements following a disaster
- E. Define and describe the roles and responsibilities of key State and Federal personnel in responding to a declared major disaster
- F. Discuss the various Federal, State, and local assistance programs available to disaster victims during the recovery phase
- G. Describe the operations of the National Teleregistration Center (NTC), the National Processing Service Center, and the Disaster Recovery Center (DRC) during recovery operations
- H. Identify some typical responses that may be anticipated in disaster survivors and workers
- I. Discuss the capabilities of and methods for accessing the crisis counseling and stress management programs during disaster response and recovery operations
- J. Identify Federal assistance programs available to supplement State and local governments recovering from a major disaster
- K. Explain the concepts of mitigation and recovery as related to natural and technological hazard events
- L. Describe the interrelationships between mitigation and recovery phases
- M. List the do's and don'ts of dealing effectively with the media during and following a disaster
- N. Describe the role and responsibilities of the Public Affairs Officer (PAO) during a disaster
- O. Discuss the purposes of the community relations program during recovery operations and explain how a community relations program is organized and staffed



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: FES 3803	SEMESTER CREDIT HOURS: 3
COURSE TITLE: Disaster and Fire Defense Planning	

Section 2

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

AA Elective AS Required Professional Course College Prep
 AS Professional Elective AAS Required Professional Course Technical Certificate
 Other **BAS Required Professional Course**
 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:

Communications Social & Behavioral Sciences Mathematics
 Natural Sciences Humanities

Section 4

INTELLECTUAL COMPETENCIES:

Reading Speaking Critical Analysis Quantitative Skills Scientific Method of Inquiry
 Writing Listening Information Literacy Ethical Judgment Working Collaboratively

Section 5		
LEARNING OUTCOMES		METHOD OF ASSESSMENT
•	List the types of disasters and their similarities and differences	exam
•	define the purpose of capability assessment	exam
•	list four problems that confront fire chiefs in the development of Emergency Operations Plans (EOP's)	exam
•	identify communications issues regarding the levels of people in local, State, and Federal agencies that will respond in times of disaster	exam
•	Identify the types of disaster exercises	exam
•	describe the sequence of events through which a Presidential disaster may be declared	exam
•	discuss the purposes of the community relations program during recovery operations	exam

Section 6

Name of Person Completing This Form: Rick Nelson Date: 8-23-2005