



MASTER COURSE OUTLINE

Prepared By:

Date: August 2017

COURSE TITLE

Exercise Design and Evaluation

GENERAL COURSE INFORMATION

Dept.: HSEM

Course Num: 210

(Formerly:)

CIP Code: 43.0301

Intent Code: 21

Program Code: 968

Credits: 3

Total Contact Hrs Per Qtr.: 33

Lecture Hrs: 33

Lab Hrs: 0

Other Hrs: 0

Distribution Designation: None

COURSE DESCRIPTION (as it will appear in the catalog)

This course provides participants with the knowledge and skills to develop, conduct, evaluate and report effective exercises that test a community's operations plan and operational response capability. Throughout the course, participants will learn about topics including exercise program management, design and development, evaluation, and improvement planning. It also builds a foundation for subsequent exercise courses, which provide the specifics of the Homeland Security Exercise and Evaluation Program (HSEEP) and the National Standard Exercise Curriculum (NSEC).

PREREQUISITES

HSEM 102 Introduction to Emergency Management and HSEM 120 All Hazards Emergency Planning or Program Coordinator approval

TEXTBOOK GUIDELINES

Chosen by Instructor

COURSE LEARNING OUTCOMES

Upon successful completion of the course, students should be able to demonstrate the following knowledge or skills:

1. Examine the value of exercises to improve the four phases of comprehensive emergency management.
2. Outline the basic components of a comprehensive exercise program based off of area risk assessment.
3. Examine the importance of designing a comprehensive and progressive exercise program to meet the needs of your organization or community based off the Target Capabilities List (TCL)/Universal Task List (UTL).
4. Describe the organization of an exercise design team.
5. Distinguish the purposes and characteristics of a tabletop exercise, functional exercise and full-scale exercise.
6. Outline the steps in facilitating a tabletop exercise.
7. Differentiate designing a functional exercise from designing a tabletop exercise.
8. Recognize the physical requirements and participant roles in a functional exercise.
9. Differentiate designing a full-scale exercise from designing a functional exercise.

10. Determine planning considerations for site selection and scene management for a full-scale exercise.
11. Break down the tasks in the exercise evaluation process.
12. Outline resources available for exercise enhancement.
13. Design a small functional exercise using the seven building blocks of design process.

INSTITUTIONAL OUTCOMES

None

COURSE CONTENT OUTLINE

- A. Introduction to Exercise Design
- B. Comprehensive Exercise Program
- C. The Exercise Process
- D. Exercise Design Steps
- E. Tabletop Exercise
- F. Functional Exercise
- G. Full-Scale Exercise
- H. Exercise Evaluation
- I. Exercise Enhancements
- J. Designing a Functional Exercise

DEPARTMENTAL GUIDELINES *(optional)*

PO5 should be assessed: Students will be able to solve problems by gathering, interpreting, combining and/or applying information from multiple sources.

DIVISION CHAIR APPROVAL

DATE