SYLLABUS

DATE OF LAST REVIEW: 02/2013

CIP CODE: 43.0302

SEMESTER: Departmental Syllabus

COURSE TITLE: Introduction to Homeland Security and Weapons of Mass Destruction

COURSE NUMBER: FRSC-0170

CREDIT HOURS: Five (5)

INSTRUCTOR: Departmental Syllabus

OFFICE LOCATION: Departmental Syllabus

OFFICE HOURS: Departmental Syllabus

TELEPHONE: Departmental Syllabus

E-Mail: Departmental Syllabus

KCKCC issued email accounts are the official means for electronically communicating with our students.

PREREQUISITE(S): None

REQUIRED TEXT AND MATERIALS:
Please check with the KCKCC bookstore, http://www.kckccbookstore.com/, for the required texts for your particular class.

COURSE DESCRIPTION:
The world has changed since September 11, 2001. We remain a Nation at risk from terrorist attacks and will remain so for the foreseeable future. At all Threat Conditions, the fire service must remain vigilant, prepared, and ready to deter terrorist attacks. This course presents threat conditions and how the fire service can reduce the risks from terrorist attacks. Preparedness measures are provided to assist agencies in the development and implementation of appropriate agency-specific preparedness measures.

METHOD OF INSTRUCTION:
A variety of instructional methods may be used depending on content area. These include but are not limited to: lecture, multimedia, cooperative/collaborative learning, labs and demonstrations, projects and presentations, speeches, debates, and panels, conferencing, performances, and learning experiences outside the classroom. Methodology will be selected to best meet student needs.

COURSE OUTLINE:
The course outline is indicated below and is subject to change as course development dictates:

I. Terrorism
   A. Terrorism Defined
   B. Globalization
   C. Weapons of Mass Destruction
   D. Threat Issues
   E. Federal Asset, First Responder Integration
II. National Incident Management System
   A. Incident Command History
   B. The Incident Command System
   C. The Command Staff
   D. ICS Management Principles
   E. ICS Operations
   F. Logistics
   G. Planning
   H. Administration/Finance
   I. Other Components of NIMS

III. National Response
   A. History
   B. NRF Strategy
   C. The Preparedness Cycle
   D. NRF Roles and Responsibilities
   E. National Response Doctrine
   F. National Response Structure
   G. Emergency Support Functions

IV. Critical Infrastructure Protection, Emergency Response and Management
   A. United States Policy of Protection
   B. The Role of the Department of Homeland Security

V. Planning for Terrorism
   A. The NIMS and NRF Templates for Planning
   B. Operations
   C. Resource Management
   D. Administration
   E. Comprehensive Planning
   F. EOP Summary
   G. The Incident Action Plan
   H. The IAP Briefing Cycle

VI. Terrorism Response Procedures
   A. Convergent Responders
   B. Scene Awareness
   C. Active Shooter Response
   D. New Scene- New Surprises
   E. The First Arriving Unit
   F. Scene Control
   G. Response Training
   H. Medical Facility Response

VII. Operations Security, Site Security, and Terrorism Incident Response
   A. OPSEC
   B. Incident Management/ Unified Command
   C. Media and Dignitaries
   D. OPSEC/ Site Security Demands for Off-Site Operations
   E. OPSEC/ Site Security for a Terrorist Incident
   F. Establishing a Perimeter

VIII. Weapons of Mass Effect- Chemical Terrorism and Warfare Agents
   A. Cyanide
   B. Vesicants
   C. Lewisite
   D. Pulmonary Agents
   E. Riot Control Agents
   F. Triage

IX. Weapons of Mass Effect- Biological Terrorism
A. Threat Assessment
B. Possible Biotoxins
C. Possible Live Bacteriological Warfare Agents

X. Weapons of Mass Effect-Radiation
   A. Radiation Measurements
   B. Internal Radiation Exposure
   C. Characteristics of Radiation
   D. Medical Effects of Radiation
   E. Radiation Accidents
   F. Radiological Terrorism
   G. Responder Tactical Actions

XI. Weapons of Mass Effect- Explosives
   A. Explosive Physics
   B. Types of Explosives
   C. Improvised Explosive Devices
   D. Chemical, Nuclear, Biological
   E. Pipe Bombs
   F. Suicide Bombings
   G. Secondary Devices
   H. Safety Precautions
   I. Basic Search Techniques

XII. Mass Casualty Decontamination
   A. Basic Principles of Decontamination

XIII. Personal Protective Equipment
   A. Respiratory Protection
   B. Protective Ensembles
   C. Employee Exposure Control Plan

IVX. Crime Scene Operations
   A. The Crime Scene
   B. Physical Evidence
   C. Crime Scene Analysis
   D. Law Enforcement Responsibilities

EXPECTED LEARNER OUTCOMES:
A. Student should be able to define terrorism.
B. Student should be able to explain the National Incident Management System.
C. Student should be able to define a national response plan to terrorist incidents.
D. Student should be able to recognize critical infrastructure protection and emergency response management.
E. Student should be able to construct a plan for terrorism response.
F. Student should be able to define the terrorism response procedures.
G. Student should be able to explain operations security, site security, and terrorism incident response.
H. Student should be able to describe weapons of mass effect, chemical terrorism and warfare agents.
I. Students should be able to describe weapons of mass effect, and biological terrorism.
J. Students should be able to describe weapons of mass effect and radiation.
K. Students should be able to describe weapons of mass effect and explosives.
L. Students should be able to explain mass casualty decontamination.
M. Student should be able to demonstrate the proper use of personal protective gear.
O. Student should be able to explain crime scene operations.

COURSE COMPETENCIES
Student should be able to define terrorism.
1. The student will be able to define terrorism.
2. The student will be able to define weapons of mass destruction.
Student should be able to explain the National Incident Management System.
3. The student will be able to explain the incident command system.
4. The student will be able to explain the command structure.
5. The student will be able to determine the responsibilities of the logistics sector.
6. The student will be able to determine the responsibilities of the planning sector.

Student should be able to define a national response plan to terrorist incidents.
7. The student will be able to describe the national response plan strategy.
8. The student will be able to explain the preparedness cycle.
9. The student will be able to explain the roles and responsibilities of the NRF.

Student should be able to recognize critical infrastructure protection and emergency response management.
10. The student will be able to explain the United States policy of critical infrastructure protection.

Student should be able to construct a plan for terrorism response.
11. The student will be able to outline the templates for planning a response.
12. The student will be able to develop an incident action plan.
13. The student will explain the IAP briefing cycle.

Student should be able to define terrorism response procedures.
14. The student will be able to discuss scene awareness.
15. The student will be able to explain an active shooter response.
16. The student will be able to describe the response of a medical facility.

Student should be able to explain operations security, site security, and terrorism incident response.
17. The student will be able to explain Incident Management and Unified Command.
18. The student will be able to develop a plan for dealing with media and dignitaries during incidents.
19. The student will be able to explain security issues during incidents.

Student should be able to describe weapons of mass effect, chemical terrorism and warfare agents.
20. The student will be able to discriminate between vesicants and cyanide.
21. The student will be able to describe riot control agents.
22. The student will be able to describe pulmonary agents.
23. The student will be able to develop a triage plan.

Students should be able to describe weapons of mass effect, and biological terrorism.
24. The student will be able to describe possible biological warfare agents.

Students should be able to describe weapons of mass effect and radiation.
25. The student will be able to explain the effects of radiation.
26. The student will be able to explain the possible use of radiation by terrorists.
27. The student will be able to explain a tactical response to a radiological threat.

Students should be able to describe weapons of mass effect and explosives.
28. The student will be able to explain the physics of explosives.
29. The student will be able to describe various types of explosives.
30. The student will be able to identify improvised explosive devises.
31. The student will be able to discuss suicide bombing incidents.
32. The student will be able to explain basic search techniques.

Students should be able to explain mass casualty decontamination.
33. The student will be able to explain mass casualty decontamination.

Student should be able to demonstrate the proper use of personal protective gear.
34. The student will be able to demonstrate the use of proper respiratory protection.
35. The student will be able to demonstrate the proper use of personal protective clothing.
36. The student will be able to develop an employee exposure control plan.
37. The student will be able to explain the use of personal protective clothing.
38. The student will be able to explain the use of respiratory protective equipment.

*Student should be able to explain crime scene operations.*

39. The student will be able to outline crime scene operations.
40. The student will be able to describe physical evidence.
41. The student will be able to discuss law enforcement responsibilities.

**ASSESSMENT OF LEARNER OUTCOMES:**
Assessment methods may include, but are not limited to, the following: Homework, Assignments, Quizzes, Class Participation, Chapter Tests, and Final Exam. The grading scale and the process for calculating the course grades are to be determined by the individual instructors. This information will be included in each instructor’s syllabus.

**SPECIAL NOTES:**
This syllabus is subject to change at the discretion of the instructor. Material included is intended to provide an outline of the course and rules that the instructor will adhere to in evaluating the student’s progress. However, this syllabus is not intended to be a legal contract. Questions regarding the syllabus are welcome any time.

Kansas City Kansas Community College is committed to an appreciation of diversity with respect for the differences among the diverse groups comprising our students, faculty, and staff that is free of bigotry and discrimination. Kansas City Kansas Community College is committed to providing a multicultural education and environment that reflects and respects diversity and that seeks to increase understanding.

Kansas City Kansas Community College offers equal educational opportunity to all students as well as serving as an equal opportunity employer for all personnel. Various laws, including Title IX of the Educational Amendments of 1972, require the college’s policy on non-discrimination be administered without regard to race, color, age, sex, religion, national origin, physical handicap, or veteran status and that such policy be made known.

Kansas City Kansas Community College complies with the Americans with Disabilities Act. If you need accommodations due to a documented disability, please contact the Academic Resource Center in Room 3354 or call 288-7670.