Weapons of Mass Destruction (HMSY 1343) Online

Credit: 3 semester credit hours (3 hours lecture)

Prerequisite/Co-requisite: Complete the Online Orientation and answer yes to 7+ questions on the Online Learner Self-Assessment: http://www.lit.edu/depts/DistanceEd/OnlineOrientation/OOStep2.aspx

Course Description

This course covers hazard and risk assessment, crime scene preservation, chemical agents, biological agents, radiological agents, explosive devices, detection-sampling and plume models, and personal protection methods. The critical role of first responders in weapons of mass destruction, mitigation, and survival will also be presented. Discussion will include historical events related to the use of weapons of mass destruction. *This course is time-bound, structured, and completed fully online.*

Required Textbook and Materials

1. *Jihadists and Weapons of Mass Destruction* by Gary Ackerman and Jeremy Tamsett, 1st edition.

    a. ISBN number is 978-1-4200-6964-8.

2. *Weapons of Mass Destruction: Awareness Level WMD Training (AWR-160)*
    a. This course text was produced by the U. S. Department of Homeland Security, Office for Domestic Preparedness, National Preparedness Consortium. The chapters from this text will be used to augment information provided throughout the course and specifically instruct students on awareness essential for first responder safety in WMD incidents.
    b. This text is provided free of charge to the student with the eLearning environment.

Course Objectives

Upon completion of this course, the student will be able to:

1. Identify weapons of mass destruction and means of dissemination.

2. Compare the different biological, chemical, and radiological materials used in weapons of mass destruction.

3. Recognize the motivational element of jihadist groups and the orientations of those groups to use weapons of mass destruction.

4. Identify various aspects of countering and defending against the WMD threat.

5. Recognize future indicators of an intent and capability to use weapons of mass destruction.

Course Outline

I. The Jihadists
   A. Jihadist Ideology and Strategy and the Possible Employment of WMD
   B. Obedience to Divinity? The
      1. Psychology of Jihadist WMD Terrorism
      2. Jihadist Tactics and Targeting
      3. Jihadist Capabilities and the
      4. Diffusion of Knowledge
   C. The Agents of Harm
      1. Jihadists and Chemical Weapons
      2. Jihadists and Biological and Toxin
      3. Weapons
      4. Radiological Weapons and Jihadist
      5. Terrorism
   D. Jihadists and Nuclear Weapons
II. The Once and Future Threat
   A. Islamist Use and Pursuit of CBRN Terrorism
   B. The Future of Jihadists and WMD: Trends and Emerging Threats
   C. Conclusion
III. Awareness and Recognition
   A. Prevention and Deterrence
   B. Chemical Agents
   C. Biological Agents
   D. Radiological Materials and Nuclear
   E. Weapons
   F. Explosive Devices

Grade Scale

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

Course Evaluation

Final grades will be calculated according to the following criteria:

Unit Tests (4)	20%
Quizzes (5)	10%
Chapter Assignments (14)	20%
Discussion Thread & Participation	10%
Final Project	20%
Final Exam (Comprehensive)	20%

Course Policies
1. Students will log in a minimum of three times a week.
2. Students will participate in discussion threads by posting at least one original posting and responding to at least two class mates for each forum.
3. Students must complete a team project. The instructor will assign teams.
4. Students will complete assignments, test and a comprehensive final.
5. No late assignments, test or projects will be accepted.
6. Students that miss a test will receive a grade of 0.
7. If you wish to drop a course, the student is responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an 'F' in the course.
8. ACADEMIC DISHONESTY WILL BE DEALT WITH STRICTLY! - An automatic F for the semester, plus a report will be filed with potential dismissal from Lamar Institute of Technology.
9. In support of internet etiquette, students are expected to use courteous, professional and respectful language for course e-mails, assignment submissions, and discussions.
10. Additional class policies as defined by the individual course instructor.

Technical Requirements (for courses using Blackboard)
The latest technical requirements, including hardware, compatible browsers, operating systems, software, Java, etc. can be found online at:
https://help.blackboard.com/en-us/Learn/9.1_2014_04/Student/015_Browser_Support/015_Browser_Support_Policy A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of the online technology and resources.

Disabilities Statement
The Americans with Disabilities Act of 1992 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. Among other things, these statutes require that all students with documented disabilities be guaranteed a learning environment that provides for reasonable accommodations for their disabilities. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409) 880-1737 or visit the online resource:
http://www.lit.edu/depts/stuserv/special/defaults.aspx

Student Code of Conduct Statement
It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu or obtained in print upon request at the Student Services Office.