**SYLLABUS**

1. Wayland Baptist University, Virtual Campus, School of Behavioral and Social Sciences

2. Mission Statement: Wayland Baptist University exists to educate students in an academically challenging, learning-focused and distinctively Christian environment for professional success, lifelong learning, and service to God and humankind.

3. Course: **PUAD 5312** – {VC01}, Weapons of Mass Destruction and Terrorism

4. Term: Spring 2014: 24 Feb – 16 May 2014

5. Instructor: Dr. Bill Cojocar, Ph.D.

6. Office Phone: 210-835-5035 and Email: william.cojocar@wayland.wbu.edu

7. Office Hours, Building, and Location: M-W-F, 9a-5p; T & TH, Noon-5pm (Re. Home Office).

8. Class Meeting Time and Location: Virtual Campus class meeting time by weekly requirements in accordance with the course syllabus.

9. Catalog Description: A study of the history and severity of the threats posed by Weapons of Mass Destruction and how new forms of Terrorism and WMD’s effect on the post-9/11 security environment.

10. Prerequisites: None.

11. Required Textbook and Resources:

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| --- | --- | --- | --- | --- | --- | --- |
| TEXTBOOK’s | AUTHOR | ED | YEAR | PUBLISHER | ISBN# | REVIEW |
| Weapons of Mass Destruction | Howard | 2nd | 2013 | McGraw-Hill Publications | 978-0-07-802622-5 | Winter 14 |
| Devil’s Triangle: Terrorism, WMD and Rogue States | Brookes | 1st | 2005 | Rowman & Littlefield Pub’s | 978-0-7425-4953-1 | Winter 14 |

12. Optional Materials: Course slides provided by the instructor. APA 6th Edition (Version 2) Writing Style Guide is highly recommended for course learners. First half of second text required reading by midterm; completed by final exam.

13. Course Outcome Competencies:

Upon completion of this course the student should be able to:

* Domestic and International Terrorism,
* International Rogue States’ connection to terrorism;
* Department of Homeland Security countering WMD’s;
* Primary weapons of mass destruction developed by international and domestic terrorist organizations;
* Primary political goals of terror organizations.

14. Attendance Requirements: Class attendance for Virtual Campus classes is accounted for by students reading class requirements, and actively posting class homework requirements, and responses to another students posting. This course room activity occurs in Discussion Board for each class week. If you must be absent for any legitimate reason; i.e., you are providentially hindered due to work requirements, illness, or emergency—you must contact the instructor and advise or explain. The instructor will determine a makeup plan for missed class work. Three absences (25% of the 11-week period) will constitute course failure. If you anticipate excessive absences, you should consider withdrawal according to WBU’s policy. Three tardies/early departures may equal one absence. An unexcused absence or tardiness reduces grade average.

15. Disability Statement: “In compliance with the Americans with Disabilities Act of 1990 (ADA), it is the policy of Wayland Baptist University that no otherwise qualified person with a disability be excluded from participation in, be denied the benefits of, or be subject to discrimination under any educational program or activity in the university. The Coordinator of Counseling Services serves as the coordinator of students with a disability and should be contacted concerning accommodation requests at (806) 291- 3765. Documentation of a disability must accompany any request for accommodations.”

16: Course Requirements and Grading Criteria:

Examinations: - Mid-Term Exam (3 Apr 14) / Final Exam (15 May 14) = 60% of final grade (30% each)

Research Paper (written) - Written Paper (2 May 14; 15 pp/dbl sp; APA format) = 20% of final grade

Attendance - 10% of final grade (late submissions/no submissions; see attendance requirements)

Participation and

Teacher Subjectivity - 10% of final grade (Class Participation and Homework; see *Statement of*

*Understanding*)

Grading: 100-90 (A); 89-80 (B); 79-70 (C); 69-60 (D); 59-below (F).

a. Examinations. There are two examinations for this course; a midterm and final examination. Exams are 25 questions (100 points/4 points per question). Exams are a combination of multiple choice, true/false, fill in the blank, short essay, and model/pictorial diagram identification. Each examination is worth 30% of the total grade, with both examinations totaling 60% of the final grade.

b. Research Paper. The course research paper is a formatted APA paper. It is 15 pages, double spaced. Paper length requirement is 15 pages of content from paper from introduction through conclusion.

All papers will contain a title page, abstract, introduction/topic paragraph, summary/conclusion, and reference page. Research paper topics are approved by the course instructor and can be on any course related topic in the fields of Terrorism and Weapons of Mass Destruction.

17. Tentative Schedule: (Calendar, Topics, Assignments)

Week Date Activity/Requirements/Reading assignments:

1 24-28 Feb **Class 1 Topics: New Terrorism and the Post 9/11 WMD Terrorism**

**Threat**

Reading Assignment:

1.1 Definitions, Trends, and the Concept of “New Terrorism” 5-38

1.2 The Nature of the Post-9/11 WMD Terrorism Threat 38-89

Homework Assignment:

Review slides on Blackboard; Provide Introductions on Discussion Board

Review syllabus and course requirements

2 3-7 Mar **Class 2 Topics: Chemical and Biological Weapons**

Reading Assignments:

2.1 Chemical Weapons 90-112

2.2 Biological Weapons 112-156

Homework Assignments:

Submit 5 Discussion Questions

Submit Research Paper Topic and Team Project Briefing Topic

3 17-21 Mar C**lass 3 Topics:** **Radiological and Nuclear Weapons**

Reading Assignments:

2.2 Radiological Weapons 178-199

2.3 Nuclear Weapons 200-254

Research Paper Outline Due

4 24- 28 Mar **Class 4 Topics: Case Studies**

Reading Assignments:

2.5 Case Studies 255-300

Homework Assignments:

Submit a 300 word essay comparing and contrasting the primary themes of the three author’s case studies and implications for the future

Research Paper Abstracts and References Due

Midterm Exam Review

5 31 Mar- Midterm Exam (Midterm due on 3 Apr 14)

4 Apr

6 7-11 Apr **Class 6 Topics: Critical Infrastructure Dimensions**

Reading Assignments:

3.1 Public Spaces, Transportation Networks, and Other Critical

Infrastructure 304

Assessing the Threat to Critical Infrastructure 305-326

Homeland Security & Defense Business Council Mass Transit Security 327

3.2 Chemical and Biological Threats 337

Chemical and Biological Threats against Public Water Systems 338

Homework Assignments: 5 x Discussion Questions

Draft research papers submitted for review

7 14-18 Apr **Class 7 Topics:** **Responding to the Threat**

Reading Assignments:

4.1 Strategy and Policy 417

Proliferation Control Regimes: Background and Status 418

WMD Strategy for the Future 452

Preemptive Military Doctrine: No Other Choice 464

4.2 Intelligence 476

Self-Defense and the Limits of WMD Intelligence 477

Minding Our Business: The Role of the Private Sector in

Managing the WMD Supply Chain 497

4.3 Response and Resilience 506

The Day After: Action Following a Nuclear Blast in a U.S. City 507

Understanding Citizen Response to Disasters with Implications for Terrorism 518

Homework Assignments: 5 x Discussion Questions

Draft research papers submitted for review

8 21-25 Apr **Class 8 Topics:** **Responding to the Threat**

Reading Assignments:

4.4 Unique Challenges of Responding to Bioterrorism Threats and

Attacks 536

Developing Immunity: The Challenges of Mandating Vaccinations in the Wake of a Biological Terrorist Attack 537

Environmental Decontamination Efforts Following a Large-Scale Bioterrorism Attack: Federal Progress and Remaining Gaps 562

Tracing an Attack: The Promise and Pitfalls of Microbial Forensics 579

Public Trust, Public Health, and Public Safety: A Progressive Response to Bioterrorism 597

4.5 Case Studies 617

Detecting and Disrupting Illicit Nuclear Trade after A.Q. Khan 618

Anthrax 2001: Observations on the Medical and Public Health Response 636

Consequence Management in the 1995 Sarin Attacks on the Japanese Subway System 657

An All-Hazards Training Center for a Catastrophic Emergency 686

Homework Assignments: 5 x Discussion Questions

Draft Research Papers Submitted

9 28 Apr- **Class 9 Topics: Assessing the Future WMD Threat**

2 May Research papers due on 2 May 14

Reading Assignments:

5.1 Predicting Peril or the Peril of Prediction?

Assessing the Risk of CBRN Terrorism 705-724

5.2 Threat Convergence: A Framework for Analyzing the Potential for WMD Terrorism 725-738

Homework Assignment: 5 x Discussion Questions

10 5-9 May **Class 10 Topics: Assessing the Future WMD Threat**

Reading Assignments:

5.3 Emerging WMD Technologies 739-752

5.4 Conclusion: Appreciating the Past and Present, Anticipating the Future

753-766

Appendix A.1 Prevention of WMD Proliferation and Terrorism Report Card 767

A.2 National Strategy for Counterterrorism 787

A.3 A National Strategy for CBRNE Standards 808

Homework Assignment: Final Exam Review

11 12-16 May Final Examination due on 15 May 14

18. Additional information as desired by the faculty member.

Statements of Understanding:

*This class will adhere to zero tolerance for using someone else’s work as your own.* It will result in course failure if written or verbal presentations are plagiarized. Any research paper is subject to comparison with Turnitin.com at the discretion of the instructor.

Students are responsible for reading, understanding, obeying, and respecting all academic policies. Added emphasis will be placed upon academic progress policies appearing in the WBU Academic Catalog applicable to their curriculum and/or program of study.

Class participation is a key requirement to succeed. Student participation in discussions enriches each one’s knowledge and appreciation of the principles of management and how they can be applied to the work environment. Opportunities to participate include case studies, Q&A, reading assignments, and timely work turned in by due date. Untimely work will receive a markdown in points at the instructor’s discretion.

There may be opportunities for bonus points on exams and extra credit for class work at the discretion of the instructor.

The instructor holds the right to make adjustments to this syllabus and its contents in the best interest of the class and course objectives.