

**WILIMINGTON UNIVERSITY
COURSE SYLLABUS
MASTER OF SCIENCE ADMINISTRATION OF JUSTICE**

COURSE NUMBER: MAJ/MHS 7003 **TERM:**

COURSE TITLE: Risk Analysis and Management

FACULTY MEMBER:

METHOD OF CONTACT:

TEXTBOOK:

TITLE: **STRATEGIC SECURITY MANAGEMENT**
A Risk Assessment Guide for Decision Makers
AUTHOR: Karim H Vellani
PUBLISHER: Elsevier Butterworth-Heinemann
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10 12-370897-4

1) COURSE DESCRIPTION:

Students will study various concepts and definitions associated with security risk. Risk is the potential for a loss or damage to an asset. It takes into account the value of an asset, the threats or hazards that potentially impact the asset and the vulnerability of the asset to the threat or hazard. In the risk analysis process, it is possible to measure the components of risk to provide an overall security risk rating. Students will discuss and learn how to rank assets by risk and place them in priority order so that decisions can be made about which assets need to be protected. Students will learn how to identify threats and hazards that could impact a company, building or site; review methods for defining threats; describe how threats and hazards may interact to increase damage; and identify ways of assigning likelihood ratings for the threats and hazards for comparison purposes. Students will also learn about the performance of physical security surveys and the development of protection strategies designed to reduce risk.

2) RATIONALE:

In the post 9-11 era, risk analysis concepts and methodologies are evolving rapidly. Although models differ in the definition, labeling and sequencing of steps, there is solid consensus on the essential components. It is not possible to completely eliminate risk. Therefore, it is important to determine what level of protection is desirable, and which countermeasures, strategies and options can help to achieve this level. Students should be exposed to the toolkit of current analysis and assessment methodologies used by practitioners today to define, quantify, calculate and respond to security risk. These processes are known as risk management and physical security program design.

3) PREREQUISITE: None

Each two-week period, you will work on one phase of the project. The text for each phase should be about 750 words, not counting reference pages, appendices, surveys, illustrations, etc. You must demonstrate that you understand the terminology and the concepts used and know how to apply them. You must demonstrate that you can synthesize, analyze, and evaluate information. You must correctly use APA or MLA formatting in source citations both in the body of your text and in the references.

Project Components:

Risk Assessment Project WEEK 2 (Phase 1) - Identify a REAL physical TE, you will want to visit this TE to gather facts, conduct interviews and obtain statistics pertinent to what is required in phase 1 below. You will also want to conduct a Site Survey / Risk Assessment of your TE and this is due in phase 2. Contact your instructor for approval of your TE. Upon approval from your instructor, proceed to complete this component of the project. For this phase you will be graded on the following 9 topics, so be sure these are addressed in your submission.

Students will be graded on nine (9) items below in Phase 1:

1. Identify and discuss the THREAT or SECURITY problem.
2. Who is affected?
3. Are there conflicting perspectives in the TE about the extent of the problem (Do others see this the same way? If so, explain).
4. Any other relevant situational issues (historical, social, cultural, economic, political)?
5. Establish the extent of the problem you wish to prevent.
6. Obtain statistics or data related to support your claim that there is a threat to your TE.
7. Once the problem is identified, review literature review which discusses how to prevent the crime or solve the security problem.
8. Report on programs which have been successful, and which have not been successful.
9. Use PRIMARY sources (e.g., interviews, agency documents, observations, and the course text) and OTHER sources (e.g., books and/or journal articles). A minimum of FIVE (5) resources is expected. Any resource listed in your Reference section should have a corresponding in-text citation.

Risk Assessment Project WEEK 4 (Phase 2) Conduct a site survey of the TE, a quantifiable risk assessment and a narrative report of your findings. Sample site surveys and risk assessments are located in the week 1 Readings and Resources page. You must review Appendix C of the textbook as well to get an idea of what is required.

Students will be graded on the three (3) items below in Phase 2:

1. You should provide a NARRATIVE that supports your assessment. In the narrative, explain how you conducted your assessment, did you conduct a walk thru with someone or conduct an interview? RESTATE the threat to your TE and what you noted as conducted your Risk Assessment.
2. Phase 2 requires a security survey. See Handouts in Week 1 Readings and Resources page and review

G. Code of Conduct:

Please review and understand the Academic Integrity policy set by Wilmington University regarding Plagiarism, Fabrication, Cheating, and Grade and Test Tampering at this link:

<https://www.wilmu.edu/studentlife/acadintegrity.aspx> As a student of Wilmington