# "WBUlogo"

Campus Name

School of Business

# 2. UNIVERSITY 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 NUMBER & NAME:

MISM 4306-VC01, Information Systems Security

# **4. TERM**:

Fall 2018

# **5. INSTRUCTOR**:

Mr. John Jemison

# **6. CONTACT INFORMATION**:

Office/Cell phone: 7pm -10pm M-F online/telephone
WBU Email: john.jemison@wayland.wbu.edu

# **7. OFFICE HOURS, BUILDING & LOCATION**:

# Mon-Sat 7pm-10pm Online/Tel anytime

# **8. COURSE MEETING TIME & LOCATION**:

Meeting day & time: Online Only - 24/7

# **9. CATALOG DESCRIPTION**:

Designed to provide security knowledge mastery of an individual with two years on-the-job networking experience, with emphasis on security. Industry wide topics including communication security, infrastructure security, cryptography, access control, authentication, and operational security.

# 10. PREREQUISITE:

COSC 2311

# **11. REQUIRED TEXTBOOK AND RESOURCE MATERIAL**:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **BOOK** | **AUTHOR** | **ED** | **YEAR** | **PUBLISHER** | **ISBN#** | **UPDATED** |
| Security Pro LabSim (Access Code)  | Testout |  | 2014 | Testout | 9781-93508-0442 | 6/5/14 |

# 12. OPTIONAL MATERIALS

# **13. COURSE OUTCOMES AND COMPETENCIES**:

* Understand the basics of hardening servers and hosts
* Understand common attack patterns
* Evaluate vulnerability of an information system and establish a plan for risk management
* Demonstrate how to detect and reduce threats in Web security
* Evaluate the authentication and encryption needs of an information system
* Explain the Public Key Infrastructure process
* Demonstrate how to secure a wireless network
* Evaluate a company’s security policies and procedures

# 14. ATTENDANCE REQUIREMENTS:

As stated in the Wayland Catalog, students enrolled at one of the University’s external campuses should make every effort to attend all class meetings. All absences must be explained to the instructor, who will then determine whether the omitted work may be made up. When a student reaches that number of absences considered by the instructor to be excessive, the instructor will so advise the student and file an unsatisfactory progress report with the campus executive director. Any student who misses 25 percent or more of the regularly scheduled class meetings may receive a grade of F in the course. Additional attendance policies for each course, as defined by the instructor in the course syllabus, are considered a part of the University’s attendance policy.

# **15. STATEMENT ON PLAGIARISM & ACADEMIC DISHONESTY**:

Wayland Baptist University observes a zero tolerance policy regarding academic dishonesty. Per university policy as described in the academic catalog, all cases of academic dishonesty will be reported and second offenses will result in suspension from the university.

# **16. 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.

# **17. COURSE REQUIREMENTS and GRADING CRITERIA**:

**(Include information about term papers, projects, tests, presentations, participation, reading assignments, etc. and how many points or what percentage of the final grade each of these components or assignments is worth)**

**17.1 Include Grade Appeal Statement:** “Students shall have protection through orderly procedures against prejudices or capricious academic evaluation. A student who believes that he or she has not been held to realistic academic standards, just evaluation procedures, or appropriate grading, may appeal the final grade given in the course by using the student grade appeal process described in the Academic Catalog. Appeals may not be made for advanced placement examinations or course bypass examinations. Appeals are limited to the final course grade, which may be upheld, raised, or lowered at any stage of the appeal process. Any recommendation to lower a course grade must be submitted through the Vice President of Academic Affairs/Faculty Assembly Grade Appeals Committee for review and approval. The Faculty Assembly Grade Appeals Committee may instruct that the course grade be upheld, raised, or lowered to a more proper evaluation.”

# 18. TENTATIVE SCHEDULE

WEEK 1 – TestOut 1.1 – 1.2
WEEK 2 – TestOut 2.1 – 2.6       Research Topic Due
WEEK 3 – TestOut 3.1 – 4.4
WEEK 4 – TestOut 5.5 – 9.8
WEEK 5 – TestOut 6.1 – 6.8      Research Paper References Due
WEEK 6 – TestOut 6.9 – 6.16
WEEK 7 – TestOut 7.1 – 7.13
WEEK 8 – TestOut 8.1 – 8.7
WEEK 9 – TestOut 8.8 – 8.14
WEEK 10 –TestOut 9.1 -9.14  Research FINAL Paper
WEEK 11 - Final Exam- CompTIA Security+ Domains 1-6
*Complete all practice exams prior to attempting the final exam.*

Practice Final Exams:
Exam A.1-10 Security Pro Domains 1-9
Exam B.1-7 CompTIA Security+ Domains 1-6

# 19. ADDITIONAL INFORMATION

Letter Grade Criteria Defined:

A - At this grade level, the adult learner demonstrates insightful mastery of the course subject material and has achieved exceptional quality in precise understanding and use of interdisciplinary courses and course key terms and theories in both written and oral communications format.

B - At this grade level, the adult learner exhibits professional competency and proper use of interdisciplinary courses and course subject material and demonstrates the skills to effectively use the key terms and theories of the course in both written and oral communications format.

C - At this grade level, the adult learner achieves a general understanding of the course subject material and demonstrates an adequate competency in the correct use of key terms and theories in both written and oral communications format.

D - At this grade level, the adult learner achieves a vague and minimally adequate understanding of the course subject material and demonstrates a marginal competency in the correct use of key terms and theories in both written and oral communications format.

F - At this grade level, the adult learner is unable to present a general understanding of the course subject material and demonstrates an inadequate competency in the correct use of key terms and theories in both written and oral communications format.

I - An incomplete may be given to students who are passing but have not completed some of the course requirements for reasons beyond the control of the student.