



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 and service to God and humankind.

3. COURSE NUMBER & NAME:

MISM 3303-VC02, Information Systems Theory and Practice

4. TERM: Spring 1 2022

5. INSTRUCTOR: Dr. Kenroy Wedderburn

6. CONTACT INFORMATION:

Office phone:

WBU Email: kenroy.wedderburn@wayland.wbu.edu

Cell phone: (347)279-2369

7. OFFICE HOURS, BUILDING & LOCATION:

F 9am – 11:30am (Via email and/or phone)

8. COURSE MEETING TIME & LOCATION:

Meeting day & time: Online

9. CATALOG DESCRIPTION:

Objectives and techniques of planning, organizing, and managing complex information systems development projects, including studies of resources and tools available for scheduling, tracking, and measuring system development productivity. Cases employed to integrate technical and managerial considerations.

10. PREREQUISITE:

COSC 2311

11. REQUIRED TEXTBOOK AND RESOURCE MATERIAL:

BOOK	AUTHOR	ED	YEAR	PUBLISHER	ISBN#	UPDATED
<u>Introduction to Information Systems, ebook</u>	Rainer/Prince	8th	2020	Wiley	9781-11959-4635	11/19/19

12. OPTIONAL MATERIALS**13. COURSE OUTCOMES AND COMPETENCIES:**

- Demonstrate an understanding of the role of the information systems function in general and the role of its individual members
- Demonstrate understanding of the use of information systems by organizations to assist with achieving competitive advantage
- Illustrate how data collected by organizations and knowledge gathered by its members can be organized and stored efficiently so that useful information can be extracted in a timely manner.
- Discuss methodologies used by organizations to procure new information systems.
- Explain why the integrity of the data and the reliability of their information systems are so critical to an organization's success.

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)

The breakout for grades is as follows:

- Exams 30%
- Assignments 1,2,3,4 40%
- Essay Paper 20%
- Discussion 10%

Exams:

- Two (2) Exams will be given.
- Exams Will be in Blackboard
- Exam #1 will require you to read comprehensively Chapters 1 and 2
- Exam #2 will require you to read comprehensively Chapters 5, 10 and 13

Essay Paper:

- Your Essay Paper is to be uploaded in Blackboard
- Essay Topic: **The Critical Nature of Data Integrity and Information Systems Reliability to the Success of an Organization**
- Scoring
 - Content/Coverage of main points/keeping focus on the topic [65 mks]
 - Cover Page and References [15 mks]
 - You must have at least three (3) references
 - Use cover page
 - Formatting 1 [10 mks]
 - You must use appropriate sub headings
 - Do NOT use an abstract
 - One of your sub headings must be the INTRODUCTION
 - One of your sub heading must be the CONCLUSION
 - One of your sub headings must be REFERENCES
 - The three above headings are NOT the only ones you should use. Use other headings where relevant
 - Formatting 2 [10 mks]
 - Minimum of five (5) pages not counting Cover and Reference pages
 - Spelling/Grammar errors will be penalized
 - Use Times New Roman 12-point font, double spaced
 - Use Page Numbers

Discussion:

1. **NOTE – You need to read Chapter 13 for this Discussion.**
2. Discussion Topic: Based on an organization you have worked at, or you have read about - Indicate one Information Systems acquisition method (Chap 13 lists eight of them) and your personal thoughts regarding its pros and cons. **(90%)**
3. You are required to submit your post **and then also** respond to at least one of your class mates' posts. **(10%)**

Assignments:

- Assignments are to be uploaded in Blackboard by the specified due dates
- Answers should be written in clear English.
- Points will be deducted for Grammar/Spelling errors

Assignment #1

- Do Assignment #1 Welcome Quiz in Blackboard

Assignment #2

Read the attached article (Management Information Systems - In Business, in Academia, and in The Future) and:

- i) Do a summary of the article – (The summary alone must be minimum of 2 pages) **[50 mks]**
- ii) Indicate your understanding of the role of Information Systems in **general [20 mks]**
- iii) Indicate which aspect(s) you were most interested in or appealed to you; and why **[10 mks]**
- iv) Critique the article....Is there anything that should be left out; or put in; was there any biases or exaggerations etc? **[10 mks]**
- v) Formatting **[10 mks]**
 - a. Use headings/subheadings to separate the different areas required
 - b. Minimum of three pages.
 - c. Use cover page, page numbers and double space
 - d. Ensure no grammatical/spelling errors

Assignment #3

Read the Chapter 2 Closing Case: Domino Pizza and answer the four Questions relating to the case. **(25 x 4 mks)**

Assignment #4

- Using Table 4.2 in Chapter 4 as a reference, complete the table below with the **nine types of software attacks given in Table 4.2.**
- Case/Example means you are to find (Googling or searching otherwise) a specific example or case of such an attack in the past. Summarize what happened in maximum three sentences. Start with the date of the specific attack. **(60%)**
- How to Prevent the Attack. Again summarize an effective method used to prevent such an attack. **(30%)**
- List the references used. **(10%)**

Software Attack	Case/Example of the Attack	How to prevent the Attack	References (URLs etc)
Virus			
Worm			

Grading: . The standard is 90%-100% =A; 80-89%=B, 70-79%=C, 60-69%=D and below 60%=F.

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 # / Class Dates	Reading Topics	Blackboard Assignments / Quizzes	Due Dates
1 Jan 10	Chapter 1: Introduction to Information Systems -	Assignment #1	Wed Jan 12
2 Jan 17	Chapter 2: Organizational Strategy, Competitive Advantage, and Information Systems <i>NOTE – Fri Jan 14th is Census Day</i>	Assignment #2	Sat Jan 22
3 Jan 24	Chapter 4: Information Security	Assignment #3	Sat Jan 29
4 Jan 31	Chapter 5: Data and Knowledge Management	Exam #1 (Chap 1,2)	Sat Feb 5

Week # / Class Dates	Reading Topics	Blackboard Assignments / Quizzes	Due Dates
5 Feb 7	Chapter 6: Telecommunications and Networking	Assignment #4	Sat Feb 12
6 Feb 14	Chapter 10 : Information Systems within the Organization	Submit Essay	Sat Feb 19
7 Feb 21	Chapter 13 Acquiring Information Systems and Applications	Discussion	Sat Feb 26
8 Feb 28	Review Chapters 5,10 and 13 <i>March 5th Spring 1 2022 Ends</i>	Exam #2 (Chap 5,10,13)	Sat Mar 5

19. ADDITIONAL INFORMATION

- i) Please include the course number (MISM3303) on the subject line of your emails to me for quick turnaround. Typical turnaround time for responses are within 24 hours during the week and 48 hours on weekends.
- ii) **Late Policy** – Except for the last week of class - I will accept assignments up to a maximum of one week late (points will be deducted at a rate of -2 for each day late). No assignments will be accepted after the one week deadline (other than in extreme situations). No late assignments are accepted for the last week of class.
- iii) **Make-Up Policy:** No makeup work will be assigned for this course.
- iv) Assignments should only be submitted using Blackboard. Assignments must be formatted as a Microsoft Office file (even if not produced using Microsoft Office) or a PDF file.
- v) All assignments (however small) MUST have a cover page to include: Course Number and Name; Student's Name, Instructor's Name; Assignment Name/Title; Date. No cover sheet will mean -5% points.
- vi) If any assignment is numbered, or has multiple questions, the student must clearly indicate which question is being answered for which question. The instructor is not obligated to search for, guess or otherwise try to figure out which answers belong to which questions. If the instructor cannot easily see which answer belong to which question – then the assignment will not be graded.

vii) It is very important that you check your Wayland email at least twice per day (morning and evening). The instructor may need to contact you urgently regarding a matter pertaining to you and time may be of the essence. Ideally you should check your Wayland email regularly.