



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: Fall 2 2020**

**5. INSTRUCTOR: Dr. Kenroy Wedderburn**

**6. CONTACT INFORMATION:**

Office phone:

WBU Email: [kenroy.wedderburn@wayland.wbu.edu](mailto: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)

### **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
- You must have at least three (3) references
- 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
- You must use sub headings to include an Introduction and a Conclusion (No Abstract)

### **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

### **Discussion:**

**NOTE – You need to read Chapter 13 for this Discussion.**

Based on an organization you have worked at, or you have read about - Indicate one Information Systems acquisition method and your personal thoughts regarding its pros and cons.

The breakout for grades is as follows:

- |               |     |
|---------------|-----|
| • Exams       | 30% |
| • Assignments | 40% |
| • Essay Paper | 20% |
| • Discussion  | 10% |

**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

<b>Week # / Class Dates</b>	<b>Reading Topics</b>	<b>Blackboard Assignments / Quizzes</b>	<b>Due Dates</b>
<b>1</b> Oct 19	Chapter 1: Introduction to Information Systems  -	<b>Assignment #1</b>  (Ch 1)	<b>Sat Oct 24</b>
<b>2</b> Oct 26	Chapter 2: Organizational Strategy, Competitive Advantage, and Information Systems  <i>NOTE – Aug 24<sup>th</sup> is Census Day</i>	<b>Assignment #2</b>	Sat Oct 31
<b>3</b> Nov 2	Chapter 4: Information Security	<b>Assignment #3</b>  (Ch 3)	Sat Nov 7
<b>4</b> Nov 9	Chapter 5: Data and Knowledge Management	<b>Exam #1</b> (Chap 1,2)	Sat Nov 14
<b>5</b> Nov 16	Chapter 6: Telecommunications and Networking	Start Writing Essay	Sat Nov 21
<b>Nov 23 - 27</b>	Thanksgiving Week off		
<b>6</b> Nov 30	Chapter 10 :Information Systems within the Organization	<b>Submit Essay</b>	Sat Dec 5
<b>7</b> Dec 7	Chapter 13 Acquiring Information Systems and Applications	Discussion	Sat Oct 3  Sat Dec 12

<b>Week # / Class Dates</b>	<b>Reading Topics</b>	<b>Blackboard Assignments / Quizzes</b>	<b>Due Dates</b>
<b>8</b>  Dec 14	Review Chapters 5,10 and 13  <i>Oct 10th Fall 1 2020 Ends</i>	<b>Exam #2</b>  (Chap 5,10,13)	Sat Dec 19

### Assignment #1

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

- i) Do a summary of the article
- ii) Indicate your understanding of the role of Information Systems in general
- iii) Indicate which aspect(s) you were most interested in or appealed to you; and why
- iv) Critique the article....Is there anything that should be left out; or put in; was there any biases or exaggerations etc?
- v) Use headings/subheadings to separate the different areas required
- vi) Minimum of three pages.
- vii) Use cover page, page numbers and double space

### Assignment #2

Read the Chapter 2 Closing Case: Domino Pizza and answer the four Questions relating to the case.

### Assignment #3

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.

How to Prevent the Attack. Again summarize an effective method used to prevent such an attack.

List the references used.

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

## 19. ADDITIONAL INFORMATION

i) Please include the course number (MISM3303) on the subject line of your emails to me for quick turnaround

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 for each day late). No assignments will be accepted after the one week deadline (other than in extreme situations).