WAYLAND BAPTIST UNIVERSITY

VIRTUAL CAMPUS

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 3301-VC01, Information Technology Hardware

4. TERM:

Winter 2018 (Nov 12 – Feb 16)

5. INSTRUCTOR:

Dr. Kenroy C. Wedderburn

6. CONTACT INFORMATION:

Office phone: 806-291-1024

WBU Email: wedderburnk@wbu.edu

Cell phone:

7. OFFICE HOURS, BUILDING & LOCATION:

   EX: M/T/W/TH 2:30-3:

8. COURSE MEETING TIME & LOCATION:

Meeting day & time: Online

9. CATALOG DESCRIPTION:

Skills and knowledge used to maintain and repair personal computers.

10. PREREQUISITE:
COSC 2311

11. REQUIRED TEXTBOOK AND RESOURCE MATERIAL:

BOOK	AUTHOR	ED	YEAR	PUBLISHER	ISBN#	UPDATED
PC Pro LabSim (Access Code)	Testout		2013	Testout	978-1-935080-42-8	7/18/13

- For this course, Testout Sections 1 – 8 ONLY will be covered

- (_Note - Sections 1, 9 – 12 are covered in MISM3304_**)**

12. OPTIONAL MATERIALS

13. COURSE OUTCOMES AND COMPETENCIES:
- Recognize equipment and name it properly
- Discuss the basics of what the individual components do.
- Describe how CPU's function
- Identify RAM technologies
- Demonstrate how RAM is installed on a motherboard.
- Demonstrate the procedure for installing a motherboard.
- Discuss the function of the Expansion Bus
- Demonstrate how expansion cards are installed.
- Demonstrate applicable safety precautions when working inside the computer case.
- Discuss the different types of storage media and strategies for protecting data on each..
- Demonstrate an understanding of the various input and output devices.
- Demonstrate an understanding of network components and topologies.
- Discuss troubleshooting techniques for hardware and software.

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:

In this class, students will be evaluated according to performance in the following categories:

- **Essays   30%**
    - Must have cover page indicating your name, ID #, Topic, Essay Number
    - Minimum of five (5) pages (not counting references and cover page); double spaced, Times New Roman 12 point
    - Use Introduction, Conclusion and other sub headings
    - You will lose marks for spelling/grammar errors
    - At least two (2) references

- **Discussions   20%**
- **Testout Sections   50%**
    - Successful Completion of Weekly Assigned Simulation Exercises and Practice Questions for the allocated Testout Sections
    - You will complete Sections 1 - 8 in Testout
    - You are required to complete every sub section within the 8 Sections. However, only scores for 5 Practice Questions / Labs will be scored as indicated in the course outline (below).
    - The average of the 5 scores from each section will be posted in Blackboard after the due date to complete each section

Grade achievement levels are as follows:

Grade	Range
A	90%+
B	80-89%
C	70-79%
D	60-69%
F	0-59%

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 #	Topic	Required Assignment	Due Date
1 Nov 12 – Nov 18	- Computing Overview - PC Technician	- Complete Section 1 (1.2.4, 1.3.6, 1.4.7, 1.5.4,1.6.5) -	Nov 17
2 Nov 26 – Dec 2 (Nov 19 – Nov 25- Holiday)	- System Components	- Complete Section 2 (2.1.8, 2.2.3, 2.3.3, 2.4.6, 2.5.3)	Dec 1
3 Dec 3 – Dec 9	- Peripheral Devices - Storage	- Completion Sections 3 (3.3.6, 3.5.1, 3.7.6, 3.8.3, 3,13,7) - Discussion #1 (with the increase in AI and the decrease in the prices of computer parts, do you think the role of hardware technician will soon be redundant?)	Dec 8
4 Dec 10 – Dec 16	- Networking	- Essay #1 – The role of the PC Technician (Include typical work day and average salary range)	Dec 15

Week #	Topic	Required Assignment	Due Date
5 Dec 17 – Dec 19 & Jan 3 – Jan 6 Holiday Dec 20 – Jan 2	- Printing	- Complete Section 4 (4.2.4, 4.4.7, 4.5.4, 4.6.9, 4.7.4	Jan 5
6 Jan 7 – Jan 13	- Mobile Devices	- Complete Sections 5 (5.4.6, 5.5.8, 5.6.3, 5.7.6, 5.10.5) - Discussion #2 (With the constant improvements in wireless technology, do you think we will soon do away with wires/cables?)	Jan 12
7 Jan 14 – Jan 20	- System Management	- Complete Sections 6 (6.2.5, 6.5.5, 6.8.7, 6.12.10, 6.14.7	Jan 19
8 Jan 21 – 27	- System Implementation - File Management	- Essay #2 Storage Devices in the World of Big Data	Jan 26
9 Jan 28 – Feb 3	- Security	- Complete Sections 7 (7.2.5, 7.3.5, 7.4.6, 7.5.3, 7.6.4) - Discussion #3 (How possible do you think it is that the next world war will be waged over the Internet?)	Feb 2
10 Feb 4 – Feb 10	- Review	- Testout Sections 8 (8.2.7, 8.3.6, 8.5.5, 8.6.7, 8.8.4) -	Feb 9
11 Feb 11 – Feb 16		- Complete Essay #3 Security and the Internet	Feb 16

19. ADDITIONAL INFORMATION

- The ***course schedule is tentative*** and may be changed during the term as events warrant. Students are responsible for any schedule changes made through announcements or WBU emails.
- Always use your Wayland email and add "MISM3301 " in the subject line as well as "your first name, last name and students ID" in the email when communicating with me.