



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 4302-VC01, Wireless Information Technology

4. TERM:

Winter 2019

5. INSTRUCTOR:

Shannon Newsome

6. CONTACT INFORMATION:

Office phone: 331.234.7316

WBU Email: Shannon.newsome@wayland.wbu.edu

Cell phone: optional

7. OFFICE HOURS, BUILDING & LOCATION:

Online Discussion Board

8. COURSE MEETING TIME & LOCATION:

Online

9. CATALOG DESCRIPTION:

Broad survey of wireless communications; protocols, transmission methods and IEEE 802.11 standards.

10. PREREQUISITE:

COSC 2311

11. REQUIRED TEXTBOOK AND RESOURCE MATERIAL:

BOOK	AUTHOR	ED	YEAR	PUBLISHER	ISBN#	UPDATED
Guide to Wireless Communications	Olenewa	4 th	2017	Cengage Learning	9781-30595-8531	6/5/14

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

- Discuss Introduction to Wireless Communications
- Discuss Wireless Data Transmission
- Discuss Frequency Communications
- Discuss How Antennas Work
- Discuss Low Rate Wireless Personal Area Networks
- Discuss High Rate Wireless Personal Area Networks
- Discuss Low Speed Wireless Local Area Networks
- Discuss High Speed WLANs and WLAN Security
- Discuss Wireless Metropolitan Area Networks
- Discuss Wireless Wide Area Networks
- Discuss RFID–Radio Frequency Identification
- Discuss Wireless Communications in Business

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:

Week(s)	Assignment 1	Assignment 2	Assignment 3	Assignment 4	Total Points
1 – 10	Reading	Critical Thinking (30pts)	Discussion Board (30pts)	Quiz/Exam (50pts)	110 (1100)
11	Cumulative Final Exam (100 pts)				100 (1200)

1. Students will complete 10 reading assignments; completion of this assignment will be assessed by the Student’s score on the weekly quiz/exam.
2. Students will complete 10 Critical Thinking assignments; these assignments will assess the Student’s comprehension of the reading assignment and ability to apply what has been learned.
3. Students will complete 10 discussion board assignments; these assignments will challenge the student to think about technology and its impact on modern life.
4. Students will complete 10 weekly quizzes/exams and one cumulative final examination.
5. All assignments are due by the end of the week assigned. No late work will be accepted without consent prior to the due date by the instructor.
6. The course will be graded on a 1000 point scale.

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	Concept(s)	Chapter
1	Introduction to Wireless	1
2	Wireless Data Transmissions	2
3	Radio Frequency Communications	3
4	Antennas	4
5	Personal Area Networks	5
6	Introduction to WLANs	6
7	WLAN Performance Enhancement	7
8	WLAN Security	8
9	Wireless Wide Area Networks	10
10	RDIDs and Near Field	11
11	Final Examination	All Covered