Wayland 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.

Contact Information

Course: MISM 5341 VC01 – Advanced Computer Networking and Data Management

Campus: WBUonline

Term/Session: SUMMER 2025

Instructor: Dr. Richard A. Warren

Office Phone Number/Cell #: Provided in Blackboard

WBU Email Address: richard.warren@wayland.wbu.edu

Office Hours, Building, and Location: Virtual Office –M, T, W, Th, F from 4:00 pm until 9:00 pm CST

Class Meeting Time and Location: None Scheduled Virtual – Non Synchronous

Catalog Description:
Benefits of using computer networks, technology associated with them, and how to design, implement, and manage them. Fundamentals of telecommunications, network topologies, network design strategies, and the implementation of networks into organizations, including a semester project allowing students to design a network application.

Prerequisite:
None

Textbook Information

Required Textbook(s) and/or Required Materials:

BOOK	AUTHOR	ED	YEAR	PUBLISHER	ISBN#
Data Communication and Computer Networks	White	9th	2023	Cengage	9870-35750-4406

*If this is an UNDERGRAD class the textbook for this course is part of the **Pioneer Academic Access Program**. You will have access to an eBook and interactive learning material on the first day of class through your Blackboard course site. If the course requires a physical book you can order at bookstore.wbu.edu. The cost of all your materials are billed to your student account at $26.00 per credit hour. You can choose to opt-out, however if you do you will lose access to **all classes/materials** and have to source through third party vendors You will be notified via email with access instructions and additional information. If you are in a GRADUATE class you will have an Automatic eBook which is billed directly to your student account or a physical book that can be purchased at bookstore.wbu.edu. If*

you do not wish to participate in the Automatic eBook program, you will have the first week of class to opt-out of the program (additional details will be outlined in your email instructions).

Optional Materials: Publication Manual of the American Psychological Association, 7th ed, ISBN: 978-1433832154

Course Outcome Competencies:
- Discuss the fundamental principles of electronic communications
- Discuss the various protocols used in data communications
- Demonstrate the ability to setup and maintain networking systems

Attendance Requirements

WBUonline

Students are expected to participate in all required instructional activities in their courses. Online courses are no different in this regard; however, participation must be defined in a different manner. Student "attendance" in an online course is defined as active participation in the course as described in the course syllabus. Instructors in online courses are responsible for providing students with clear instructions for how they are required to participate in the course. Additionally, instructors are responsible for incorporating specific instructional activities within their course and will, at a minimum, have weekly mechanisms for documenting student participation. These mechanisms may include, but are not limited to, participating in a weekly discussion board, submitting/completing assignments in Blackboard, or communicating with the instructor. Students aware of necessary absences must inform the professor with as much advance notice as possible in order to make appropriate arrangements. Any student absent 25 percent or more of the online course, i.e., non-participatory during 2 or more weeks of an 8-week session, may receive an F for that course. Instructors may also file a Report of Unsatisfactory Progress for students with excessive non-participation. Any student who has not actively participated in an online class prior to the census date for any given session is considered a "no-show" and will be administratively withdrawn from the class without record. To be counted as actively participating, it is not sufficient to log in and view the course. The student must be submitting work as described in the course syllabus. Additional attendance and participation policies for each course, as defined by the instructor in the course syllabus, are considered a part of the university's attendance policy.

University Policies

Academic Integrity:
Link to Statement on Academic Integrity

Artificial Intelligence: **No use of any generative AI tools permitted.**

   i. Students are required to create and produce all work themselves or with assigned group members. Any work submitted that has used an AI generative tool like ChatGPT will be in immediate violation of the academic integrity

policies for the course and WBU.
ii. All assignments must be fully created, designed, and prepared by the student(s).
iii. Any work that uses generative AI will be treated as plagiarism.

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 Disability Services Coordinator and Academic Coach serves as the coordinator of students with disabilities and must be contacted concerning accommodation requests. Office: (806) 291-1057. Documentation of a disability must accompany any request for accommodations.

Course Requirements and Grading Criteria

The course assignments include: readings, Exams, Case Studies, Discussions and Lab Projects as criteria utilized to assess student performance. The information below describes the value of each assignment and the percentage it makes up of the total grade. See the information below.

Assignment	Number	Points Each	Total
Animate Mods	9	3	27%
Discussions	5	4	20%
Exams	3	12	36%
Topic Request	1	5	5
Term Paper	1	12	12%
		TOTAL	**100%**

Student Grade Appeals: 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 <u>final</u> 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 to the 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.

Tentative Schedule

Template Updated March 2024

Week	Assignment Activities	Due Date
One	**Complete Required First Assignment – Due NLT (June 4)** **Chapter 1 Reading** **Post Introduction by Wednesday** **Complete Discussion # 1** **Complete Animate Lab (Mod # 1)**	**June 8, 2025**
Two	**Chapters 2 and 3 Reading** **Submit Topic Request** **Complete Discussion # 2** **Complete Animate Lab (Mod # 2)**	**June 15, 2025**
Three	**Chapters 4 and 5 Reading** **Complete Animate Lab (Mod # 4)** **Complete Exam # 1**	**June 22, 2025**
Four	**Chapter 6 Reading** **Complete Discussion # 3** **Complete Animate Lab(Mod # 5 & 6)**	**June 29, 2025**
Five	**Chapters 7 and 8 Reading** **Complete Discussion # 4** **Complete Animate Lab (Mods # 7, & 8)**	**July 6, 2025**
Six	**Chapters 9 and 10 Readings** **Complete Case # 3** **Complete Animate Lab (Mod # 10)** **Complete Exam # 2**	**July 13, 2025**
Seven	**Chapters 11 and 12 Readings** **Complete Discussion # 5** **Complete Animate Lab (Mod 11)**	**July 20, 2025**
Eight	**Complete Reflection Discussion** **Complete Exam # 3** **Submit Final Term Paper**	**July 26, 2025**

Additional Information

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- 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 "MISM5341 VC01" in the subject line as well as "your first name, last name, and students ID" in the email when communicating with me.

- I will reply to your email within a maximum time of 24 hours Monday - Thursday or 72 hours if sent on Fri, Sat, Sun (if condition regarding email subject in the bullet point above is satisfied) and post your grades on each assignment within one week.

Assignment Guidance:

Animate Lab Tests: 9 each - 27%
    a. There are nine Animate modules, each test consists of five questions
    b. Download the **Computer Based ZIP** file from Blackboard, then unzip the files
    c. To run the animate program, double click on the file animate.exe
    d. For each animate module test:
        1. **do screenshots to show the result of your answers to the question**
        2. **insert each screenshot into MS Word (One for each module)**
        3. **Upload the list of screenshots into the** appropriate assignment area on Blackboard

Discussion Posts: 5 each – 20%

    a. Subjects are chosen so that they will not be able to be answered adequately in not less than 200 words and will be consistent with the APA style of writing. Failure to provide References and Citations will result in a grade of "0" for the Assignment. The decision on the adequacy of an answer is the instructor's. It is not subject to debate.

    b. Assignments are graded on a 100-point scale. Assignments are due by midnight (11:59 P.M. Central Time) the first Sunday after the assignment is made. They will be considered late, after midnight of date due, and a deduction of 20 points per week will be taken.

    c. Discussion Assignments will be submitted through the Discussion Forum in Blackboard. Initial Post must be submitted through the Discussion Forum. The way to do this is to create the posting in a Word Document, correcting spelling and grammar prior to copying and pasting the narrative into the Discussion Forum in Blackboard. Assignments copied and pasted or created in Blackboard will be graded as such and no consideration will be made for format changes to your documents.

    d. Assignments not submitted through Blackboard, as indicated above will not be accepted.

Exams – 36%

There are three exams, which cover the chapters assigned for reading and review. The exams are multiple choice questions with a specific time limit as indicated in the exam instructions. Once the exam is initiated, the timer starts. You must complete the Exam once you begin. You are allowed only one (1) attempt.

Topic Selection for Term Paper: - 5%

Any topic, which is covered in this course text may be available and is subject to my approval. You are to identify the topic proposed. Provide background information about the topic. Explain why your research is important, solution to the topic issue, and suggested solutions or recommendations. All research topic proposals will be submitted into SafeAssign for plagiarism review prior to submitting for grading. Any paper with greater than 20% match will not be accepted for grading. Papers submitted in any previous course will not be accepted for credit in this course.

Research Paper APA Format – 12%

The Research Paper will consist of _not less than 7 - 8 pages of narrative_ TEXT in length. The pages will be (standard double-line-spaced with 1-inch margins all around). of _(Title Pages, Tables of Content, Abstract, figures, pictures, graphs, and references will not be counted as text._

A Title Page is required. Table of Contents **is not** required). At this point, let me remind you that if you use Microsoft Word to produce your paper, its default line spacing is 1.25 inches, and you must set you line spacing accordingly to APA standards (double-line spacing with no spacing before or after). Use only 12 point Times New Roman font on your papers. This will keep paper length consistent for everyone. Since a word processor is likely to be used in preparation of the paper, it is expected that there will be NO spelling errors. I will caution you that 'Spell Check' will not catch words spelled correctly but not in the correct context. This is not an English class. However, accuracy is important. Grammar and spelling errors will be penalized at 1 point per occurrence. Clarity can affect understanding. If your work is difficult to understand, the content is questionable. Proper credit for references used will be included and will be cited within the paper as well as in a _References page_. There will be at least six (6) outside **Peer Reviewed** references used (text books do not count as references). In other words, you will have to do some research to back up your conclusions.

Direct quotes should not be used. Only one or two short direct quotes will be allowed. Synthesize and paraphrase, then cite the author. Do not over cite in your term paper. Papers will be consistent with the APA style manual format. (The requirement for APA style of writing will be worth at least 20% of your grade.). See example in Blackboard.

All research topic proposals will be submitted into SafeAssign for plagiarism review prior to submitting for grading. Any paper with greater than 20% match will not be accepted for grading. Papers submitted in any previous course will not be accepted for credit in this course.

In the Course Info/Syllabus section of Blackboard is the rubric, which is used to grade the Research Paper. Review the Term Paper Rubric so that you know what I will be looking for when I grade your Term Paper.

NOTES:
When submitting assignments in Blackboard Ultra, the system automatically allows submission of a DRAFT. You are given the opportunity to review before finally SUBMITTING the assignment for a grade. If you do not SUBMIT, it is not possible for the Instructor to view your DRAFT.

Do not assume that the instructor will be able to grade that DRAFT. It is not possible for the INSTRUCTOR to submit your DRAFT.
Assignments not submitted for grading will be posted with a ZERO.