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, and service to God and humankind.

3. COURSE NUMBER & NAME:

MISM 5341-VC01, Advanced Computer Networking, and Data Management

4. TERM:

SUMMER 2022

5. INSTRUCTOR:

Dr. Richard A. Warren

6. CONTACT INFORMATION:

Office phone: Provided on Blackboard Course

WBU Email: Richard.warren@wayland.wbu.edu

7. OFFICE HOURS, BUILDING & LOCATION:

M/T/W/TH/F – 10:30 am – 9:30 pm

8. COURSE MEETING TIME & LOCATION:

Meeting day & time: Virtual non-synchronous

9. 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.

10. PREREQUISITE:

MISM 5306

11. REQUIRED TEXTBOOK AND RESOURCE MATERIAL:

BOOK	AUTHOR	ED	YEAR	PUBLISHER	ISBN#	UPDATED
Data Communication and Computer Networks	White	8th	2016	Cengage Learning	9781-30511-6634	4/13/15

"Wayland Baptist University has partnered with Vitalsource to bring Inclusive Access, which is a digital copy of the required textbook available on Blackboard day one of class. The prices are very competitive with the market and in most cases below the standard cost. The price of the textbook will be billed to your student account. To check the price of the textbook please locate your required course material at **https://bookstore.wbu.edu,** access the textbook it will ask you if you would like to opt-out. If you choose NOT to use this version you MUST opt-out or you will be charged and refunds are not available."

NOTE:

eTextbook cost is included at registration. If you want to buy a hard copy that is fine, but you must OPT-OUT of the eTextbook in the classroom link prior to June 6, 2022.

12. OPTIONAL MATERIALS

13. COURSE OUTCOMES AND 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

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 course grading requirements consist of evaluation in the form of:

      9 each Animate Labs – 18%
      3 Case Studies – 12%
      5 each Discussion Forum postings - 20%
      3 Exams – consists of T/F and multiple-choice questions - 39%
      1 Term Paper, APA formatted – 11%

Assignment	Number	Points Each	Total
Animate Mods	9	2	18%
Case Studies	3	4	12%
Discussions	5	4	20%
Exams	3	13	39%
		TOTAL	100%

17.1 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	Assignment Activities	Due Dates
One	**Chapter 1 Reading** **Post Introduction by Wednesday** **Post Discussion # 1** **Complete Animate Lab (Mod 1)**	**June 5, 2022**
Two	**Chapters 2 and 3 Readings** **Complete Case # 1** **Complete Animate Lab (Mod 2)**	**June 12, 2022**
Three	**Chapters 4 and 5 Readings** **Post Discussion # 2** **Complete Animate Lab (Mod 3)** **Complete Exam # 1**	**June 19, 2022**
Four	**Chapter 6 Readings** **Complete Case # 2** **Complete Animate Lab (Mod 6)**	**June 26, 2022**
Five	**Chapters 7 and 8 Readings** **Discussion # 3** **Complete Animate Lab (Mod 6, 7, & 8)**	**July 3, 2022**
Six	**Chapter 10 Readings** **Complete Case # 3** **Complete Animate Lab (Mod 10)** **Complete Exam # 2**	**July 10, 2021**
Seven	**Chapters 11 and 12 Readings** **Complete Discussion # 4** **Complete Animate Lab (Mod 11)**	**July 17, 2021**
Eight	**Chapter 13 Readings** **Complete Reflection Discussion # 5** **Complete Exam # 3** **Submit Final Term Paper**	**July 23, 2021**

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 "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.

Animate Lab Guidance

Animate Lab Tests: 9 each - 18%

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:

      i. do screenshots to show the result of your answers to the question

      ii. insert each screenshot into MS Word (One for each module)

      iii. Upload the list of screenshots into the appropriate assignment area on Blackboard

Case Study Guidance

Case Study Assignments: 3 each - 12%

a. Review the individual case assignment for understanding and analysis.

b. Prepare a paper for each assigned case.

c. Your Case Study should have the following 5 sections: Summary, Problem Identification, Recommendations, Response to Questions, and Reflections

d. The paper will be prepared in APA format, including a title page, the body of the case sections, and a references page.

e. References are to be peer-reviewed. At least two peer-reviewed articles. The book may also be included as a reference but does not count toward the two required articles.

f. Points deducted for spelling/grammar errors.

g. Points will be awarded based on you demonstrating that you understand the case details and provide a valid analysis and recommendations.

h.This is an individual exercise – that is – each student's summary should be UNIQUE.

Discussion Posts Guidance Discussion Posts: 5 each - 20%

1. Subjects are chosen so that they will not be able to be answered adequately in not less than 400 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.

2. 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.

3. 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.

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

Exam Guidance

Three Exams – 39%

The exams consist of True/False and Multiple Choice questions and will cover the materials in a series of chapters. The Exams are available on Blackboard and are timed. One attempt is allowed.

- Exam # 1 covers chapters 1 through 6
- Exam # 2 covers chapters 7 through 10
- Exam # 3 covers chapters 11, 12, and 13

Research Paper Format and Guidance

Term Paper – 11 %

The Research Paper will consist of _not less than 7-8 pages of narrative_ (standard double-spaced with 1-inch margins all around) of TEXT in length _(Title Pages, Tables of Content, 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 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.

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.

There is also a link to the **Wayland Library (LRC)** and one to the **Wayland Writing Cente**r if you need help. I am also available via email.

Topics:

Any topic, which is covered in this course may be available and is subject to my approval. All research papers 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.