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 3306-VC01, Introduction to Database Management Systems

4. TERM: Fall II 2021

5. INSTRUCTOR: Dr. Kenroy Wedderburn

6. CONTACT INFORMATION:

Office phone:

WBU Email: kenroy.wedderburn@wayland.wbu.edu

Cell phone: (347)279-2369

7. OFFICE HOURS, BUILDING & LOCATION:

  F 9am-10:30

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:

MISM3303, MISM3314

11. REQUIRED TEXTBOOK AND RESOURCE MATERIAL:

BOOK	AUTHOR	ED	YEAR	PUBLISHER	ISBN#	UPDATED
Concepts of Database Management	Friedrichsen	10th	2021	Cengage	9780-35742-2083	1/15/21

12. OPTIONAL MATERIALS

13. COURSE OUTCOMES AND COMPETENCIES:
- Define and use common databases terminology
- Understand basic SQL language to manipulate a database
- Use data modelling and normalization to design relational databases
- Use Microsoft Access to build a functioning database with appropriate user interfaces, multiple tables, and reports
- Articulate new development and trends in the world of data, databases and database management systems including but not restricted to data warehousing, data mining, and data analytics/"big data"

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)

- **Assignments (50 marks)**
- **Discussions (10 Marks)**
- **Exams (25 marks)**
- **Essay (15 marks)**
- **Essay MUST be written using the following guidelines:**
  - Minimum of five (5) pages 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
  - **Essay topic:** Articulate new development and trends in the world of data, databases and database management systems. In your essay, you must write about the following terms:
    - data warehousing, data mining, and data analytics/"big data"

Assignment #1

Watch the following two videos and prepare a summary of the two videos.

- Due date: Nov 16
- Use a cover page
- Minimum of two pages total for the two summaries
- In your summary, make sure you demonstrate your understanding of the following terms: (data, database, attribute, entity, DBMS, DBA)
- The videos are:
  - https://www.youtube.com/watch?v=d11viALaCvA   (3:31 min)
  - https://www.youtube.com/watch?v=wR0jg0eQsZA   (5:31 min)

Assignment #2

Do Review Questions 1 – 10 at the end of Chapter 1

Assignment #3

Download the BITS MS Access database (from Blackboard) and do the following questions from BITS Corporation Exercises: QBE from the end of Chapter 2

Questions 1 – 8

Assignment #4

Download the document Access2016Basics-Handout and follow the steps to create an MS Access database.

After completing all the exercises - Close the Database and submit for Assignment

Assignment #5

Use the file that you created for Assignment #4 and do the following:

i.   Add a new field to the Patient table named Pt Doctor #. Then add the following Doctor Numbers to the existing fields in order: 11145, 11142, 11145, 11141, 11141
ii.   Create a new table named Doctor. Add fields: Pt Doctor # (designate as the primary key); Doc First Name, Doc Last Name, Doc Specialty.
iii.   Create five records as follows:

Doctor			
Pt Doctor #	**Doc First Name**	**Doc Last Name**	**Doc Specialty**
11141	Dony	Wilkin	Internist
11142	Carol	Becklin	Generalist
11143	Jogn	Dewey	Surgeon
11144	Peter	Segway	Surgeon
11145	Caol	Brown	Internist

    iv.   Go to Create Query Design and double click on Doctor, then on Patients in the Show Table Dialog box.

    v.   Close the dialog box.

    vi.   From the Patients box, double click Pt First Name, Pt Last Name, Pt Birth Date

    vii.   From the Doctor box, double click Doc First Name, Doc Last Name, Doc Specialty

    viii.   Switch to Datasheet View. You should see the selected field in one query table

    ix.   Save the Query with the name "Patients Doctors"

    x.   Close the Database

    xi.   Submit Database for Assignment

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

Week # / Class Dates	Reading Topics	Blackboard Assignments / Quizzes	Due Dates
1 Oct 18	Chapter 1: Introduction to Database Management	**Assignment #1**	Wed Oct 20
2 Oct 25	Chapter 1: *NOTE – Oct 26th is Census Day*	**Assignment #2**	Sat Oct 30
3 Nov 1	Chapter 2	**Assignment #3**	Sat Nov 6

Week # / Class Dates	Reading Topics	Blackboard Assignments / Quizzes	Due Dates
4 Nov 8	Chapter 2	**Exam #1**	Sat Nov 13
5 Nov 15	Chapter 3	**Assignment #4**	Sat Nov 20
Nov 22 - 26	Thanksgiving Week off		
6 Nov 29	Chapter 3	**Essay**	Sat Dec 4
7 Dec 6	Chapter 5	Discussion **Assignment #5**	Sat Dec 11
8 Dec 13	Chapter 6 *Dec 18th Fall 2 2021 Ends*	**Exam #2**	Sat Dec 18

19. ADDITIONAL INFORMATION

i) Please include the course number (MISM3306) on the subject line of your emails to me for quick turnaround. Typical turnaround time for responses are within 24 hours during the week and 48 hours on weekends.

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 at a rate of -2 for each day late). No assignments will be accepted after the one week deadline (other than in extreme situations). No late assignments are accepted for the last week of class.

iii) Assignments should only be submitted using Blackboard. Assignments must be formatted as a Microsoft Office file (even if not produced using Microsoft Office) or a PDF file.

Iv) All assignments (however small) MUST have a cover page to include: Course Number and Name; Student's Name, Instructor's Name; Assignment Name/Title; Date. No cover sheet will mean -5% points.

v) If any assignment is numbered, or has multiple questions, the student must clearly indicate which question is being answered for which question. The instructor is not obligated to search for, guess or otherwise try to figure out which answers belong to which questions. If the instructor cannot easily see which answer belong to which question – then the assignment will not be graded.

vi) You are required to check your school email on a daily basis. The instructor may need to contact you for a quick response at any time.

Vii It is very important that you check your Wayland email at least once per day. The instructor may need to contact you urgently regarding a matter pertaining to you and time may be of the essence. Ideally you should check your Wayland email regularly.