

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 3306 VC01 – Introduction to Database Management Systems

Campus: WBUonline

Term/Session: Fall II 2022

Instructor: Dr. Kenroy Wedderburn

Office Phone Number/Cell #: (347) 279-2369

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

Office Hours, Building, and Location: 9am – 11:30am (Via email and/or phone)

Class Meeting Time and Location: Online

Textbook Information

Required Textbook(s) and/or Required Materials:

BOOK	AUTHOR	ED	YEAR	PUBLISHER	ISBN#
<u>Concepts of Database Management</u>	Friedrichsen	10th	2021	Cengage	9780-35742-2083

*The textbook for this course is part of the **Wayland's Automatic eBook** program. You will have access to an eBook and interactive learning material on the first day of class through your Blackboard course site. The cost of this Automatic eBook will be billed directly to your student account when you register for the course. You will be notified via email with access instructions and additional information. If you do not wish to participate in the Automatic eBook program, you will have the first 12 days of class to opt-out of the program (additional details will be outlined in your email instructions). For more information on the Automatic eBook program, visit the Wayland Bookstore [Automatic eBook FAQ](#) page.*

Optional Materials: N/A

Course Information

Catalog Description:

Introduction to data, data modeling, databases and database management systems, and focus mainly on relational database systems. Creation of relational database applications using Microsoft Access to reinforce knowledge.

Prerequisite:

MISM 3303, MISM 3314

Course Outcome 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"

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

Statement on Plagiarism and 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.

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 Director of Counseling, Career and Disability Services serves as the coordinator of students with disability and should be contacted concerning accommodation request at (806) 291-3765. Documentation of a disability must accompany any request for accommodations.

Accessibility issues with content in WBUonline courses or in Blackboard should be addressed to the WBU accessibility coordinator, Dr. Trish Ritschel-Trifilo, trifilot@wbu.edu or call (806) 291-3745.

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 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 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.

Course Requirements and Grading Criteria

- **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:
 - o <https://www.youtube.com/watch?v=d11viALaCvA> (3:31 min)
 - o <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

The University has a standard grade scale:

A = 90-100, B = 80-89, C = 70-79, D = 60-69, F= below 60, W = Withdrawal, WP = withdrew passing, WF = withdrew failing, I = incomplete. An incomplete may be given within the last two weeks of a long term, within the last week of an 8-week session, or within the last two days of a microterm to a student who is passing, but has not completed a term paper, examination, or other required work for reasons beyond the student's control. A grade of "incomplete" is changed if the work required is completed prior to the last day of the next long 16-week term or 8-week session, unless the instructor designates an earlier date for completion. If the work is not completed by the appropriate date, the I is converted to an F.

Tentative Schedule

Week # / Class Dates	Reading Topics	Blackboard Assignments / Quizzes	Due Dates
1 Oct 10	Chapter 1: Introduction to Database Management	Assignment #1	Wed Oct 12
2 Oct 17	Chapter 1: <i>NOTE – Oct 26th is Census Day</i>	Assignment #2	Sat Oct 22
3 Oct 24	Chapter 2	Assignment #3	Sat Oct 29
4 Oct 31	Chapter 2	Exam #1	Sat Nov 5
5 Nov 7	Chapter 3	Assignment #4	Sat Nov 12
6 Nov 14	Chapter 3	Essay	Sat Nov 19
Nov 21 – 25	Thanksgiving Week off		
7 Nov 28	Chapter 5	Discussion Assignment #5	Sat Dec 3
8 Dec 5	Chapter 6 <i>Dec 18th Fall 2 2021 Ends</i>	Exam #2	Sat Dec 10

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) **Make-Up Policy:** No makeup work will be assigned for this course.

- iv) 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.
- v) 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.
- vi) 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.
- vii) It is very important that you check your Wayland email at least twice per day (morning and evening). 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.