



THE UNIVERSITY *of*  
NEW MEXICO

Dr. Aaron M. French

Assistant Professor

Management Information Systems



MGMT 329: Database Management

*Spring 2016 Syllabus*

## Instructor Information

**Instructor:** Aaron French

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**Office:** ASM 2140

**Professor Email:** afrench@unm.edu

**Office Hours:** Wednesday, 1:30-4:00

## Course Objective

This is an introduction to database management course. Our objective will be to understand the fundamentals of database technology and design principles. Upon completing this course you should have an understanding of the following topics:

- Database design
- Data modeling
- Entity relationship diagrams
- Normalization
- Data collection, storage, manipulation and retrieval
- Structured Query Language (SQL)
- Data warehousing, data mining and Big Data

## Grading

Students are evaluated on their ability to learn and apply the material covered in class, as measured by their performance on objective examinations, class participation, course project, and grades received on various assignments and quizzes. Grading composition...

<u>Course Component</u>	<u>Percentage</u>
Exam 1	15%
Exams 2 & 3 (20% each)	40%
Quizzes/Assignments	20%
Class Project	15%
Participation	10%

Each student has an equal opportunity to get an A in the class. Students will not compete against each other for grades and grades are not negotiated, they are earned by each student individually. Below is the grading distribution that will be used for the course.

<i>Points Earned</i>	<i>Grade</i>	<i>Points Earned</i>	<i>Grade</i>
96-100	A+	76-79	C+
93-95	A	73-75	C
90-92	A-	70-72	C-
86-89	B+	66-69	D+
83-85	B	63-65	D
80-82	B-	60-62	D-
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## UNM Learn

All the materials for each week will be appear under the corresponding weekly modules on UNM Learn. Class reading materials, videos, assignments, forums and quizzes will all be available the week they are due. You are responsible for the reading materials and watching the corresponding videos each week. Late work will **NOT** be accepted.

## Course Week

As with all courses, you are expected to devote an adequate amount of time for this course. Expect to spend between 10 and 15 hours per week: reviewing lectures, doing lab exercises or homework assignments, and doing group project work. Do a little every day. **DO NOT TRY TO DO EVERYTHING IN ONE DAY!** There is not enough time in a day to do it all.

An Example Week (weeks start on a Wednesday and end the following Tuesday):

- Wednesday: Log on to Learn and review any messages/announcements. Read the material for the week.
- Thursday: Log on to Learn and review lectures.
- Friday: Log on to Learn and finish lectures and review the weekly assignment.
- Saturday/Sunday: Log on to Learn and review messages/announcements; start assignment.
- Monday/Tuesday: Finish up any assignments and review any messages/announcements on Learn.

Each week ends Tuesday night at 11:59pm Mountain Time. All materials for the week (assignments, quizzes, etc.) must be completed by this time. Late work will **NOT** be accepted.

## Exams

There will be three exams covering the material discussed prior to each exam. Test questions are taken from the lecture materials provided. Exam 1 will be held online, while exams 2 and 3 will be given face-to-face. See class schedule for dates and times of these exams.

## Quizzes

Quizzes will be given each week throughout the course of the semester and count as part of your quiz/assignments grade. Quizzes should be completed before Wednesday of the following week. Quizzes must be completed in the week assigned. No late quizzes will be accepted.

## Assignments

Database technology contains both technical skills (programming and design) as well as conceptual skills (Business rules and decisions). You may encounter terms that are new and sometimes complex. The best way to master database knowledge is through practice. There will be several assignments that are used to reinforce the concepts that discussed each week. All assignments are to be done independently! Assignments will be done on the VLAB or turned in through the UNM Learn assignment manager. Late work will **NOT** be accepted.

## **Class Project**

There will be a semester long project that each student must complete. The class project is done independently and will require you to apply the skills and techniques we are learning as we progress through the course. Late work will **NOT** be accepted.

## **Participation**

There will be a weekly forum that all students must participate in. This is your chance to discuss class material or topics being assigned each week. Students may start a new thread or respond to other threads on the forum to get participation points. While the class may be distant learning, the forums and communication tools provided give more access to your professor and classmates than face-to-face classes. Let's take advantage of the technology to learn together

## **Course Schedule**

The course schedule can be found on the UNM Learn website. It will discuss the material covered each week throughout the semester.

## **Course Software & Anderson Virtual Lab (VLAB)**

In order to access your online course, students will need to log onto UNM's Learn online course system. In addition, this course requires students to be able to open, use and read Microsoft Word, Adobe Acrobat (PDF), and Excel files. The Microsoft Office 2010 suite is preferred but not required.

The Anderson Virtual Lab (VLAB) will be used to allow students to connect to their Microsoft SQL Server database using Microsoft Visual Studio. A system will be configured so that students can connect to their database. The sessions will be timed and restricted to just the Anderson network.

Each student will use his/her NetID and associated password. To ensure that every student has access, it is advised that you change your password at the beginning of the semester. This will ensure that your NetID is recognized by the UNM LDAP/Active Directory infrastructure and most importantly, that you are not prompted to change your password during the semester (UNM requirements). To change your password visit the following site: <https://netid.unm.edu>

Anderson VLab Web Site: <https://vlab.mgt.unm.edu>

## **Communication Guidelines**

The majority of communication will take place on the Learn course site. As there is an email component within Learn that pertains to this course, all email communication between the student and instructor will take place using the Learn email interface. Much of my email is work related and managing work and course email can be confusing. Your message can be lost in my Inbox as I tend to receive more than 100 messages a day. To minimize any loss of email communication, all email should be sent using Learn and NOT sent to the instructor's email address unless it's an absolute emergency.

If you have a question related to course material it is recommended posted to the weekly forum. This will allow other students with the same question to also see the response. In addition to a response from the professor, it will provide a collaborative learning environment where further discussion can result from other students. Responses to your email/forum questions will be done within 24-48 hours (1-2 days). If you submit a question during the weekend, a response may not be submitted until the following Monday or Sunday evening. I will attempt to respond to “weekend” submissions as soon as I am able. Check your Learn email and announcements regularly as you may miss something related to course assignments and material.

### **Netiquette Ground Rules**

- In following with the UNM Student Handbook, all students will show respect to their fellow students and instructor when interacting in this course. Take Netiquette suggestions seriously. Flaming (personal insults or attacks) is considered a serious violation and will be dealt with promptly. Postings that do not reflect respect will be taken down immediately.
- Respect Others’ Copyrights
- Don’t type in ALL CAPS
- Use proper grammar and spelling (type your postings in WORD first in order to use spell check then copy and paste into Blackboard Learn)
- Students are expected to follow UNM’s Respectful Campus Policy 2240

### **Students with Disabilities**

Qualified students with disabilities will be provided reasonable and necessary academic accommodations if determined eligible by the Accessibility Resource Center (<http://as2.unm.edu/>). Please refer to UNM’s Disability Policy for further information, <http://pathfinder.unm.edu/common/policies/academic-adjustments.html>

The American with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodations of their disabilities. If you have a disability requiring accommodation, please contact me immediately to make arrangements as well as Accessibility Services Office in 2021 Mesa Vista Hall at 277-3506 or <http://as2.unm.edu/index.html>. Information about your disability is confidential.

If you are a qualified person with disabilities who might need reasonable accommodations in academic settings, **please communicate with me as soon as possible** so that we may make appropriate arrangements to meet your needs. Frequently, we will need to coordinate accommodating activities with other offices on campus, so that course materials can be made available in alternative formats.

## Copyrighted Materials

All materials in this course fall under copyright laws and should not be downloaded, distributed, or used by students for any purpose outside this course.

<http://pathfinder.unm.edu/common/policies/copyright-policy-and-law.html>

## Academic Integrity

Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. Dishonesty is defined as a lack of truth, honesty or trustworthiness. Cheating is defined as influencing or leading by deceit. Deceit is defined as intending to mislead and commonly suggests a false appearance.

Students should be familiar with UNM's **Policy on Academic Dishonesty** and the **Student Code of Conduct** which outline academic misconduct defined as plagiarism, cheating, fabrication, or facilitating any such act.

Examples (not exhaustive) of dishonest behavior include:

- Uses or attempts to use unauthorized aids in examinations or other academic assignments to be submitted for evaluation
- Misrepresentation of data, results or sources for papers or reports
- Copying another student's work

Anderson School of Management faculty, staff and students commit to values of trust, honesty, integrity, and accountability. We will not tolerate academic dishonesty. By enrolling in any course at Anderson, the student accepts the Anderson Academic Honesty Code and affirms the following pledge: I will not lie, cheat, fabricate, plagiarize or use any other dishonest means to gain unfair academic advantage.
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Any violation of the code of conduct will be taken very seriously and appropriate sanctions will be applied. For full text of Anderson's Academic Honesty Code, please visit <http://www.mgt.unm.edu/honesty>