

## **Syllabus**

### **Online IT 222(CRN #43198) Data Base Management Systems 2**

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Office Room Number: B 123

Instructor's Campus Phone: 505.925.8720 / Mobile 505.239.3435

Office Hours: MW10:00 AM – 1:00 PM / TTh 11:30 AM – 1:30 PM or ARR  
(ARR can be in person or through ZOOM)

**IT 222 Database Management Systems. (3) This course is a continuation of IT 122. Students will write more complex generic and reusable DBMS programs to build finished, turnkey applications. Prerequisite: IT 122.**

EMAIL: Be sure to check your contact information in Banner and keep it updated. UNM email as our official form of course communication. When communicating with your instructor always include class name in the subject header.

COURSE STUDENT LEARNING OUTCOMES: See attached or in course's learn.unm.edu

TEXTBOOK: Instructor issues individual student account for Oracle's Database Foundations. From this account: <https://academy.oracle.com/en/oa-sign-in.html> students have access to quizzes and project labs.

ATTENDANCE POLICY: Students are required to do a weekly "check in" through ZOOM, email, or text to address course materials and questions for the week. Time and dates of these "check in" sessions will be determined after class starts. Attendance to these sessions, live or recorded, is mandatory. Unless with instructor permission four missed weekly sessions will result in student being dropped.

### **GRADING POLICY**

### **LETTER GRADE DETERMINATION**

Lesson Practices	20%	A 90 +
APEX Usage	30%	B 80 - 89
Section quizzes	10%	C 70 - 79
Mid Term	20%	D 60 -69
Final	20%	F < 60
Total	100%	

The Oracle Academy breaks this curriculum into 20 sections. The sections are composed of lessons. Each lesson is composed of student guides, practices and projects. Instructor will determine due dates for practices and projects. Due dates are enforced unless instructor is notified prior to the due date. Late work is penalized 10%

### Academic Integrity

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of zero for that assignment. Here is the link to the UNM Academic Dishonesty Policy:

<https://policy.unm.edu/regents-policies/section-4/4-8.html>. The policy states:

*Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or who otherwise fails to meet the expected standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.*

Academic Dishonesty is defined as:

*"Academic dishonesty" includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.*

**LIBRARY USAGE:** Be sure to always check out the library if you feel you need additional reading materials. They are open for any order suggestions you may have.

### **STUDENTS WITH DISABILITIES:**

If you have a documented disability, the Equal Access Services office will provide me with a letter outlining your accommodations. I will then discuss the accommodations with you to determine the best learning environment. If you feel that you need accommodations, but have not documented your disability, please contact Jeanne Lujan, the coordinator for Equal Access Services at 925-8910 or [jmlujan@unm.edu](mailto:jmlujan@unm.edu).

### **EQUAL OPPORTUNITY AND NON-DISCRIMINATION:**

In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the Department of Education (see page 15 - <http://www2.ed.gov/about/offices/list/ocr/docs/qa-201404-title-ix.pdf>). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity ([oeo.unm.edu](http://oeo.unm.edu)). For more information on the campus policy regarding sexual misconduct, see: <https://policy.unm.edu/university-policies/2000/2740.html>.

Dates for Reference :

January 31	Enrollment Cancellation for non-payment
February 7	Last Day to Drop for 100% Tuition Refund/Last Day to Drop Without a “W”
February 14	Last Day to Change Grading Options
March 16	Spring Break
April 17	Last Day to Withdraw Without Student Services Permission
May 8	Last Day to Withdraw with Student Services Permission
May 11	Finals Week

**COURSE OUTLINE:** Once logged into <https://academy.oracle.com/en/oa-sign-in.html> and in class, please note in DP\_x\_y , x is the section and y is the lesson as shown in Week 1. **Please note that this course outline is subject to change. If changes occur you will be notified. Please always check your email.**

Week 1 / January 21

***Introduction / Section 0***

- **Please refer to your UNM email**
- Download the 4 OracleFlix files from Section 0’s Download Center
- Download 2 Schemas and APEX Student Guide from Section 0’s Download Center

***Introduction / Section 1***

- Read Section 1 Student Lesson 1 or referred to as **DP\_1\_1**
- Attempt DP\_1\_1\_Practice.docx
- Read Section 1 Student Lesson 2 or referred to as **DP\_1\_2**
- Attempt Section 1 Student Lesson 2 Practice or **DP\_1\_2\_Practice.docx**
- Read Section 1 Student Lesson 2 or referred to as **DP\_1\_3**
- Attempt Section 1 Student Lesson 2 Practice or **DP\_1\_3\_Practice.docx**
- **Review of how to use APEX**
- **TAKE SECTION 1 QUIZ**

Week 2 / January 27

***SELECT and WHERE / Section 2***

- Read DP\_2\_1
- Attempt DP\_2\_1\_Practice.docx
- Read DP\_2\_2
- Attempt DP\_2\_2\_Practice.docx
- Read DP\_2\_3
- Attempt DP\_2\_3\_Practice.doc
- ***TAKE SECTION 2 QUIZ***

Week 3 / February 3

***WHERE, ORDER BY, and Intro to Functions / Section 3***

- Demonstrate with APEX
- Read DP\_3\_1
- Attempt DP\_3\_1\_Practice.docx
- Read DP\_3\_2
- Attempt DP\_3\_2\_Practice.docx
- Read DP\_3\_3
- Attempt DP\_3\_3\_Practice.docx
- Demonstrate with APEX
- ***TAKE SECTION 3 QUIZ***

Week 4 / February 10

***Single Row Functions Part 1 / Section 4***

- Read DP\_4\_1
- Attempt DP\_4\_1\_Practice.docx
- Read DP\_4\_2
- Attempt DP\_4\_2\_Practice.docx
- Read DP\_4\_3
- Attempt DP\_4\_3\_Practice..docx
- Review DP\_2\_4\_1\_Project.docx and DP\_2\_4\_2\_Project.docx
- Demonstrate with APEX
- ***TAKE SECTION 4 QUIZ***

Week 5 / February 17

***Single Row Functions Part 2 / Section 5***

- Read DP\_5\_1
- Attempt DP\_5\_1\_Practice.docx
- Read DP\_5\_2
- Attempt DP\_5\_2\_Practice.docx
- Read DP\_5\_3
- Attempt DP\_5\_3\_Practice.docx
- Demonstrate with APEX
- ***TAKE SECTION 5 QUIZ***

Week 6 / February 24

***JOINS Part 1 / Section 6***

- Read DP\_6\_1
- Read DP\_6\_2
- Read DP\_6\_3
- Read DP\_6\_4
- Attempt assigned Practice.docx's
- Demonstrate with APEX
- ***TAKE SECTION 6 Quiz***

Week 7 / March 2

***JOINS Part 2 / Section 7***

- Read DP\_7\_1
- Read DP\_7\_2
- Attempt assigned Practice.docx's
- Demonstrate with APEX
- ***TAKE SECTION 7 Quiz***

Week 8 / March 9

***Group Functions Part 1 / Section 8***

- Read DP\_8\_1
- Read DP\_8\_2
- Review DP\_3\_4\_Project.docx
- Attempt assigned Practice.docx's
- Demonstrate with APEX
- ***TAKE SECTION 8 Quiz***

Week 9 / March 16  
**SPRING BREAK**

*MIDTERM REVIEW and EXAM (You may take it Week 8 or Week 10)*

Week 10 / March 23

*Group Functions Part 2 / Section 9*

- Read DP\_9\_1
- Read DP\_9\_2
- Read DP\_9\_3
- Attempt assigned Practice.docx's
- Demonstrate with APEX
- **TAKE SECTION 9 Quiz**

Week 11 / March 30

*Subqueries / Section 9 and Ensuring Quality / Section 10*

- Read DP\_9\_1
- Read DP\_9\_2
- Read DP\_9\_3
- Read DP\_10\_1
- Attempt assigned Practice.docx's
- Demonstrate with APEX
- **TAKE SECTION 10 Quiz**
- **TAKE SECTION 11 Quiz**
- **Start discussing final project**

Week 12 / April 6

*DML / Section 12 and DDL / Section 13*

- Read DP\_12\_1
- Read DP\_12\_2
- Read DP\_12\_3
- Read DP\_13\_1
- Read DP\_13\_2
- Read DP\_13-3
- Attempt assigned Practice.docx's
- Demonstrate with APEX
- **TAKE SECTION 12 Quiz**
- **TAKE SECTION 13 Quiz**
- **Discuss final project**

Week 13 / April 13

***Constraints / Section 14 and Views / Section 15***

- Read DP\_14 and DP\_15
- Attempt assigned Practice.docx's
- Demonstrate with APEX
- ***TAKE SECTION 14 Quiz***
- ***TAKE SECTION 15 Quiz***
- ***Discuss final project***

Week 14 / April 20

***Constraints / Section 16 and Views / Section 17***

- Read DP\_16 and DP\_17
- Attempt assigned Practice.docx's
- ***TAKE SECTION 16 Quiz***
- ***TAKE SECTION 17 Quiz***

Week 15 / April 27

***Constraints / Section 18***

- Read DP\_18
- Attempt assigned Practice.docx's
- ***TAKE SECTION 18 Quiz***

Week 16 / May 4

***Final Review***

Week 17 / May 11

***Online Course Final***