



CIS 208A - Oracle SQL & PL/SQL SPRING 2024

Instructor: Prof D. Whitney
 Email address: dwhitney@cerritos.edu
 Home page: <http://www.cerritos.edu/dwhitney>
 Location & Time: ONLINE
 (Mandatory online orientation Monday, 1/8, Online orientation quiz due 1/12.)
 Ticket number: CIS 208A - #32247 online
 Phone number: (562) 860-2451 Ext. 4489
 Text: Text & Study materials provided
 Drop Date 4/17/2024

BASIS FOR DETERMINING COURSE GRADE		
Orientation quiz Due 1 st week.	13	A >=90%
Lab Assignments 15 @ 20 points each	300	B >=80%
Exams, 3 @ 50 points each	150	C >=70%
Final Exam	50	D >=60%
	Total 513	F < 60%

Tentative Schedule

The schedule is subject to change.

Wk	Date		Topics	Academy	Labs	Labs Due
	Mon	Fri				Due Fri's
1	1/8	1/12	Overview of class, Introduction to Oracle Academy Introduction to APEX	Sec. 1		
2	1/15	1/19	PL/SQL Introduction/Fundamentals, Benefits of PL/SQL, Creating PL/SQL Blocks	Sec. 1	Lab 1	
3	1/22	1/26	Defining Variables & Datatypes	Sec. 2	Lab 2	Lab 1
4	1/29	2/2	Using SQL in PL/SQL	Sec. 3	Lab 3	Lab 2
5	2/5	2/9	Program Structures to Control Execution Flow	Sec. 4	Lab 4	Lab 3
6	2/12	2/16	Using Cursors and Parameters	Sec. 5	Lab 5	Lab 4
7	2/19	2/23	Using Composite Datatypes	Sec. 6		Lab 5
8	2/26	3/1	Exceptions Handling, Exam 1 (Midterm part 1)	Sec. 7	Lab 7	Lab 6
9	3/4	3/8	Using and Managing Procedures	Sec. 8	Lab 8	Lab 7
	3/11	3/15	Spring Recess			
10	3/18	3/22	Using and Managing Functions	Sec. 9	Lab 9	Lab 8
11	3/25	3/29	Using and Managing Packages	Sec. 10	Lab 10	Lab 9
12	4/1	4/5	Getting the best out of Packages, Exam 2 (1st Final)	Sec. 11		Lab 10
13	4/8	4/12	Improving PL/SQL Performance	Sec. 12	Lab 12	Lab 11
14	4/15	4/19	Using and Managing Triggers	Sec. 13	Lab 13	Lab 12
15	4/22	4/26	Recognizing and Managing Dependencies, Exam 3 (Midterm)	Sec. 14	Lab 14	Lab 13
16	4/29	5/3	Using PL/SQL compiler	Sec. 15	Lab 15	Lab 14
17	5/6	5/10	Review & Lab work			Lab 15
18	5/13	5/17	Final Exam (Sec. 1 - 15)			

ORIENTATION:

This is an Online Class. The Online Class Orientation document and the Online Orientation quiz are required to be completed by the end of the first week of class. You will find the document in Canvas/Files and the quiz in Canvas/Quizzes. If you don't complete this quiz, you are subject to be dropped from the Roster

ORACLE ACADEMY

You will be provided with access to the text and testing materials through Academy on the Oracle Academy website. Your user access code to this site will be provided by your instructor. You will also need access to the Application Express (APEX) SQL server. This again is accessible via a web browser. The user ID and password will be also provided by your instructor at orientation. Chrome or Mozilla Firefox are the preferred browsers. Internet Explorer & Edge do not work well with Oracle sites.

CANVAS & LABS:

The lab assignments and links to lecture and supporting materials are found on the class web pages available through CANVAS. Log into CANVAS and your class then you will see the link class websites on the left menu. Additional information is on the class college website at <http://www.cerritos.edu/dwhitney> and the other at the CANVAS site. Please refer to these pages for more information.

The lab assignments and links to lecture and supporting materials are found in Canvas. There are three sites for this section. Cerritos College Canvas, the Oracle Academy site and APEX. Please refer to these pages for more information. Make sure that you either print out the separate sheets that contains the lab assignments or save the word file version of the lab assignment. In the Word version of the lab assignment, you insert your answers below the questions.

Revisions to schedule will be made to the syllabus and posted on the web sites for this class. Lab, lectures, and supporting materials for this class are posted on the two sites. Some things are only available on the CANVAS site. The CANVAS site has syllabus, grades, location to submit lab files, and other things not found on the Cerritos site. Instructions to log on to the site will be provided during orientations. It is the student's responsibility to retrieve their assignments from the web pages. All assignment must be submitted to your instructor via CANVAS by the due date/time. They will ONLY be accepted through submitted through CANVAS.

Some things are only available on the Oracle Academy site. The Oracle Academy site has exams, lecture notes, and quizzes not found in the Canvas. Instructions to log on to the site will be provided during orientations. The Canvas contains the information like the class syllabus, lab assignments, some PowerPoint presentation, support material, links to Oracle Academy and APEX and other procedural materials. It is the student's responsibility to retrieve their assignments from Canvas. All assignment must be submitted to your instructor via Canvas. No assignments will be accepted via email. The online student MUST submit their files via Lab Assignment links in Canvas. No assignments will be accepted via email.

Academic Honesty/Dishonesty Policy: *The work submitted by each student in this class is expected to their own work, not the work of others. Please be sure to read the college's Academic Honesty/Dishonesty Policy found in the catalogue and schedule of classes. A copy of the catalogue is located at www.cerritos.edu. One or more of the following actions are available to the faculty member who suspects a student has been cheating or plagiarizing:*

1. Review-no action.
2. An oral reprimand with emphasis on counseling toward prevention of further occurrences.
3. A reduction of the grade earned on the specific work in question, including the possibility of no credit for the work.
4. A reduction of the course grade as a result of item 4 above, including the possibility of a failing grade for the course.
5. Referral to the Office of Judicial Affairs for further administrative action, such as suspension or expulsion.

Student Learning Outcome:

- Students will be able to construct a syntactically correct Programming Language/Structured Query Language (PL/SQL) Procedure.
- Students will be able to incorporate error handling in a PL/SQL block.
- Students will be able to use a Cursor in a FOR loop.
- Students will be able to create a function using PL/SQL.
- Student will be able to create a PL/SQL script using variables.

Attendance:

- Attendance for this online class is defined as a weekly email from the student to the instructor including what the student is working that week.
- Attendance is very important. Please read the attendance policy in the college's catalog at www.cerritos.edu or in the schedule of classes. Students may be dropped from the class if they are considered to be excessively absent.
- Remember it is critical to keep in contact with your instructor.

- Students must connect with the instructor by the first night. Failure to do so may result in removal of their name from the roll to allow another student seeking admission to enter. If a student is unable to attend the first class meeting, the instructor must be notified before the first class meeting.
- For traditional (on campus) classes excessive absences will be defined as when the hours of absence exceed one more than twice the number of class hours per week.
- *For online classes attendance students have a minimum of at least one communication with the instructor each week. Students that fail to communicate with the instructor for 3 weeks may be dropped.*

*Remember it is critical to keep in contact with your instructor. Roll-call/attendance is by emailing the instructor every week with the lab or chapter that you are working on. If you have not been heard from for 3 weeks or are not making academic progress you will be dropped from the class. **Re-Read this paragraph.***

Financial Aid:

Any change in your enrollment may affect your financial aid award and disbursement amounts which could result in an over award, and you may owe a repayment of your financial aid funds. For further information please contact the Financial Aid Office at (562) 860-2451 Ext. 2397 or by e-mail at:

finaid-staff-list@cerritos.edu.

Student Accessibility Services

I have made every effort to make this course accessible to all students. If you encounter a problem accessing anything in this course or require an academic adjustment based on the impact of a disability, please discuss this with me and contact Student Accessibility Services (SAS) at 562.860.2451 ext. 2335 or

sasapply@cerritos.edu.