

Fall 2009 – August 31, 2009 – December 19, 2009 - A HYBRID course

Class	CIT 181 – D1 - Introduction to Oracle
Room	Hybrid – ONCAMPUS & ONLINE using Angel
Hours	24/7 Online & 4 Wednesdays, 6:00 – 8:50 PM , Henderson, Room C116 The class meets on: 9/9, 10/7, 11/4, 12/16
Instructor	Naser E. Heravi
Office	Henderson Campus - C201B
Office Hours	Tuesdays, 12:00 – 5:00 PM – Room 201B - Henderson Campus, and by appointment
Office Phone	651-3148 Please use my e-mail as your first preference
E-mail	Angel e-mail system Alternate e-mail: citclass@gmail.com
Web Page Address	http://sites.csn.edu/nheravi/

An Important NOTE: If you have any concerns about this course and/or me, please contact me first. If I cannot resolve your issue, please contact the CET department office at 651-4660 and speak to the department chairperson. You will remain anonymous and all communications will be strictly confidential. Please **DO NOT** wait till the last minute to make your concerns known to me and/or to the department chairperson.

A NOTE on the HYBRID course: PLEASE READ

This is a hybrid course which means we will meet in the classroom for the designated number of days (Wednesday– 6 - 8:50 PM 9/9, 10/7, 11/4, 12/16). We will use the class meeting time to discuss any issues and answer any questions. I usually have a complete lecture for the material covered till our next meeting when we meet in class. The rest of the class will be ONLINE. You will take your exams online and you will submit your assignments and receive feedback online.

"If you have a documented disability that may require assistance, you will need to contact the Disability Resource Center (DRC) for coordination of your academic accommodations. The DRC is located in Student Services on each campus. The phone numbers for each DRC office are: West Charleston 651-5644, Cheyenne 651-4045, and Henderson 651-3795.

For students that would like to perform community service or earn extra money, stop by the DRC to fill out a job interest card. This office hires students as note takers, proctors, scribes, and lab assistants as needed."

Students are encouraged to take advantage of the fantastic services offered by the CSN Retention Office. Retention offers:

- Free Guidance Appointments
- Faculty/Staff Mentors
- Tutoring Assistance (Student Coaches)
- College Survival Skills
- Learning the Ropes at CSN

The Retention Office will help you come up with practical solutions to any challenges you may encounter and get you connected to the right resources. The mission of the office is to help you stay in school and achieve your dreams for a brighter future. We are here to help you and work with you. Don't quit CSN before calling us!

Call 651-2626

Text: Joel Murach, *Murach's Oracle SQL and PL/SQL* (ISBN 978-1-890774-50-9).

PLEASE DO:

1. The textbook's web site: <http://www.murach.com/books/osql/index.htm>
2. View the textbook corrections: <http://www.murach.com/books/osql/errata.htm>
(Let me know as soon as you find any other errors in the textbook)
3. Downloads for *Murach's Oracle SQL and PL/SQL*: <http://www.murach.com/downloads/osql.htm>
(Download All Book files for all the scripts needed to create databases and to access the examples in the textbook).

Course Objectives: (Please note changes from the wording in the schedule)

This course provides students with a basic understanding of the Oracle software system. Students will learn the fundamentals of database design, a structured approach to system development, creation and manipulation of data, and retrieval of information from an Oracle database. Basic concepts of the Structured Query Language (SQL) and fundamentals of PL/SQL (Oracle's Programming language).

Course Outcomes:

Upon completion of this course students will be able to:

1. Identify major components of the Oracle software system
2. Create tables and set relations
3. Identify major Oracle data types such as VARCHAR2, NUMBER and DATE
4. Write Structured Query Language (SQL) Data Manipulation language (DML) statements to retrieve, insert, update, and delete data from an Oracle database
5. Write Structured Query Language (SQL) Data Definition language (DDL) statements to create, alter, and remove database objects such as tables and views
6. Write sophisticated queries to retrieve data from multiple tables
7. Write PL/SQL programs using basic control structures such as IF and LOOP statements, subprograms and cursors

Course Requirements:

Computer System Requirements:

The Angel system is primarily supported by Internet Explorer. However, many of the other popular Web browsers such as FireFox, Safari, etc. may also work with Angel. The Angel system will allow you to check your browser for compatibility. Please make sure to follow the instructions on checking your browser for use with Angel. The software for this course is available from www.oracle.com as a free download (**The Express Edition of Oracle Database**). We will discuss the steps needed to download Oracle software in our first class. Please refer to the file "**OracleDownload_setupInstructions.PDF**" available on your course page. Oracle software is also available on selected computers at most CSN computer labs. If you plan to take your exams and do your assignments from home, you must download and install the Oracle database software. You may also take your exams and do your assignments at any of the lab computers where Oracle is available.

Tests:

Your grade is based on 3 exams and graded assignments. Exam 3 is a comprehensive final exam that must be taken in class on **December 16, 2009**. A **portion** of each exam will be open book and open notes. Another **portion** is closed book and closed notes. All exams may include True/False, Multiple choice, short answers, and Fill-in type questions. All exams may include questions that must be answered using the computer. The material covered on the tests will be discussed prior to the examinations. **There are NO MAKEUP exams**. Exams will be open during a period of time announced in advance. Homework assignments also have strict due dates.

Assignments:

Several assignments are given.

TIME IS OF THE ESSENCE:

All exams (except for the last exam) are taken online and are timed by the Angel system. The time limit for each exam will vary depending on the type of the exam.

Ethics Statement:

It is expected that you work on your own. You are encouraged to discuss the course material with other students.

MISSED-TEST POLICY: There are NO makeup exams.

ACADEMIC DISHONESTY: According to the Schedule of Classes, "CSN demands a high level of academic behavior. Acts of academic dishonesty including plagiarism and cheating are regarded as very serious offenses." If academic dishonesty is discovered in this class, the student will receive a grade of "F" for the class.

INSTRUCTOR WITHDRAWAL OF STUDENT: Any student who wishes to drop this class with a W (withdraw) will have till the end of the semester to do so. You **MUST** send me an e-mail message requesting to withdraw from the class. Otherwise, you will get the grade earned in the class. The subject of the e-mail address must state: WITHDRAW from the course

NOTE: This withdrawal policy is my policy and does not adhere to the deadlines established by the admissions office. I will take care of entering a W for your grade if you decide to withdraw from the course.

Attendance:

Class participation is a strong aspect of this course and your participation is always encouraged. **You must post to a discussion thread at least 4 times a week on 4 different days to meet the attendance requirement. This must be done every week from the beginning to the end of the semester. Your grade will fall one letter grade if you do not adhere to this attendance policy. So, if you login on Monday and post 4 messages, you will not have met the attendance requirement.**

Grading Policy:

The final grade is based on **3 exams** and **graded assignments**. Exams 1 and 2 are worth 100 points each. Exam 3 is worth 200 points. Graded assignments are worth 200 points. This will give you a total of 600 points.

GRADE DISTRIBUTION:

Points	000-359	360-389	390-419	420-449	450-479	480-509	510-539	540-600
Grade	F	D	D+	C	C+	B	B+	A

*Holidays: September 7 – Labor Day, October 30 – Nevada Day, November 11 - Veteran's Day
November 26-29 – Thanksgiving Recess*

Other Important Dates:

<http://www.csn.edu/PDFFiles/academics/20092010AcademicCalendarRev.pdf>

A note on use of Angel: I will post all material on Angel. You will have access to Angel by visiting <http://onlinecampus.csn.edu/default.asp> and logging into the system. Your login username is the last 8 digits of your student C number, and your password is your date of birth in MMY Y format. I will discuss the use of Angel in class

on our first session. We will cover the material in chapters 1 through 13 of your textbook. We will cover additional chapters as time allows.

FALL 2009 – CIT181 - Here is a tentative schedule of activities (Subject to change at any time!):

Classroom meeting dates: Wednesdays, 9/9, 10/7, 11/4, 12/16

The class officially starts on Wednesday, September 2, 2009

Week	Classroom Dates	Topics	Chapter
1 9/2 – 9/8		Introduction – Oracle software – Development environments - Angel environment Introduction to Relational Databases Using tools (SQL developer & SQLPlus)	Chapter1 Chapter 2
2 9/9 - 9/15	INCLASS on 9/9	Review of all material - Retrieve data from a single table	Chapter 3
3 9/16 – 9/22		Retrieve data from multiple tables	Chapter 4
4 9/23 – 9/29		Summary queries	Chapter 5
5 9/30 - 10/6		EXAM 1 – online - on chapters 1 – 5 available from 9/30-10/6 Subqueries	Chapter 6
6 10/7 – 10/13	INCLASS on 10/7	Review of all material - Insert, Update, and Delete	Chapter 7
7 10/14 – 10/20		Data types and functions	Chapter 8
8 10/21 – 10/27		Stop to review	
9 10/28 – 11/3		Database Design - Creating tables, indexes, and sequences	Chapter 9 -
10 11/4 – 11/10	INCLASS on 11/4	Review of all material - Creating tables, indexes, and sequences	Chapter 10
11 11/11 – 11/17		EXAM 2 – online – on chapters 6-10 - available from 11/11 – 11/17 Creating Views	Chapter 11
12 11/18 – 11/24		PL/SQL	SKIP chapter 12 Chapter 13
13 11/25 – 12/1	Thanksgiving Break 11/26 – 11/29	ENJOY your BREAK - NO NEED to sign in for attendance requirement	
14 12/2 – 12/8		PL/SQL	Chapter 13
15 12/9 – 12/12		PL/SQL	Chapter 13
	INCLASS on 12/16 for exam 3	Exam 3 is a comprehensive final exam taken in class covering mainly chapters 11, 13, and the material from early chapters. Finals week: 12/13 – 12/19	