College of Southern Nevada
Course Syllabus
CIT184 - Sample syllabus – Oracle PL/SQL Programming I
The official syllabus with the official schedule of activities will be available in Canvas on the first day of class.
This syllabus should give you a good idea of the course. It has textbook information and a tentative schedule of activities.

Course Information	CIT184 - This course presents the basics of writing Oracle PL/SQL program units. Basic PL/SQL language elements, decisions, loops, procedures, functions and packages will be covered. Prerequisite: IS 115 or the ability to program in a high-level programming language or instructor permission. CIT180 and or CIT181 will be ideal prerequisites, but are not required for this course.
Course meeting time/days/location	
Instructor Information	Name: Naser E. Heravi Phone: (702) 651-3148 naser.heravi@csn.edu The link to my Web site Office Mailbox code: HNC201
Learning Outcomes	Upon completion of this course students will be able to: • Write PL/SQL programs using control structures for decision making and repetition • Create, execute, and maintain procedures, functions, packages and database triggers • Describe the PL/SQL development environments • Describe Built-in SQL functions • Describe Oracle supplied packages
Textbook	Oracle® 11g: PL/SQL Programming, 2nd Edition - Joan Casteel – Cengage Publishing – ISBN – 13: 9781133947363 See the Book's web site for the student Data Files/Appendixes
Late Work policy	I will not accept late work, unless I extend a due date for an assignment. There are NO MAKEUP exams or assignments. All exams and assignments will have strict due dates.
Method of Evaluation	Grades are based on exams and projects throughout the semester. All assignments will be submitted via the Canvas assignment dropbox. Detailed instructions will be provided in

	the text of the requirements for each of the assignments**.** If the Canvas email system fails and you must use a different system to submit your assignments, send your assignments files to my alternate email address. All exams are delivered through the Canvas system. All exams will have strict time limits and detailed information will be provided at least a week before the date of the exam.
Grade determination	Your grade is based 2 term exams, a comprehensive final exam, and homework assignments. Exam 1 is 10% of your grade, exam 2 is 10% of your grade, the final exam is 15% of your grade, and assignments are 65% of your grade. Exams will be taken online, and the date will be announced in advance. Homework assignments also have strict due dates. All exams may include True/False, Multiple-choice, short answers, and essay type questions. The following is how letter grades are assigned based on total percentages of assignments and exams. **NOTE**: We may also use material from the Oracle Academy, also referred to as Oracle iLearning material. Detailed instructions to access this resource is included in Canvas. **100 to 94** A **90 to less than 94 A-** **87 to less than 90** B+ **84 to less than 87** B **80 to less than 84** B- **77 to less than 80** C+ **70 to less than 77** C **60 to less than 70** D **Less than 60** F
Attendance Policy	College assumes maturity, seriousness of purpose, and self-discipline for meeting the responsibilities associated with each course. If you will need the instructor to sign documents testifying about your attendance, <u>**YOU**</u> must come to the instructor after each class you attend to let her know you were there. Class participation is a strong aspect of this course and your participation is always encouraged.
Academic Integrity	Scholastic dishonesty will not be tolerated. You are expected to have read and understood the <u>CSN Academic Integrity Policy</u> 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.
Disability Resource Center	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 in Student Services on each major campus. More information about the CSN DRC please visit the DRC web site. For more CSN Americans with Disabilities Act (ADA) information please visit the ADA web site.
Disclaimer	This syllabus is subject to change with advance notice. Notices will be posted in the online forum. It is your responsibility to stay informed.
Tentative schedule	Schedule offered in Canvas on a timely basis.
Student Rights & Responsibilities	It is your responsibility to be aware of your rights and responsibilities. This information is in the General Catalog and Student Handbook, which can be found on the CSN Catalog/Schedule/Calendar web page.
College Library Services	The Library offers a wealth of resources to help you with your research projects. There are libraries at each of the main campuses and an extensive collection of resources available from the Library's Homepage. A note from your library: The library holds many workshops such as "College Library Services offers ongoing research workshops throughout the semester. Bring your topic or assignment to one of The workshops on the basics of locating and citing quality information and receive in depth assistance with a librarian. Check out the schedule or call 651-5729 for more information.
References	Safari Tech Books available through the library offer an excellent source of supplemental resources that you may use for this course. To find Safari Books Online, go to the library's web site Click the Databases button. In the A-Z Databases page that appears, click S to filter. The link to **Safari Books Online** should be at or near the top of the list.
Required extra- or co-curricular activities	All activities are based on projects and exams assigned throughout the course. Any required extra activities will be clearly explained in class.
Safety	This class does not have an experiment lab and therefore we will not be concerned about following specific safety strategies.
Additional fees	There are no additional fees for this course.
Additional Information	
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 Arlene Menezes in the CIT Department Office at 702-651-5976. You will be directed to the appropriate Program Director or the Department Chair. You will remain anonymous, if possible, and all communications will be strictly confidential. Please **DO NOT** wait until the last minute to make your concerns known to me and/or to the CIT Department.

Software requirements	The Canvas Learning Management system can be run on most popular web browsers such as Internet Explorer, FireFox, Safari, etc. Canvas runs on Windows, Mac, Linux, iOS, Android, or any other device with a modern web browser. For more information, see Canvas's user guide. ***** Installing Oracle software is optional and the process will be discussed in class. We will use an online Oracle application that does not require software installation.** We will use the Oracle software for this course. You may choose to download and install a version of Oracle (available for free from oracle's web site). However, installing Oracle can be tricky and it also uses much of your computer's resources. If you ARE NOT the "experimenting" type, do not attempt to install Oracle on your personal system. The software is available on select computers at the main computer labs. I will also provide information on accessing Oracle's development web site that does not require any software installation. For detailed information on downloading and installing Oracle on your system, see the files named **Oracle_db11gR2_installationNotes.pdf** and/or **OracleXEDownload_setupInstrcutions.pdf** under the "Lectures and Files" folder in Canvas on the first day of class. The Oracle XE is a smaller version of the Oracle database and it should be adequate for this course.
	Printing @ CSN: Printing in CSN classrooms, computer labs and libraries falls under the new Print Wise initiative, designed to help save natural and fiscal resources. Print Wise provides each CSN student with a $10 credit toward printing at the start of each semester, which will provide for up to 200 black and white copies at 5¢ a page, or 40 color copies at 25¢ a page. After that, you may put money into your account online or at the CSN Cashier's Office to purchase additional prints at the same rate. It is **your responsibility** to maintain your printing accounts to cover printing expenses during each semester. More information about the Print Wise system may be found at www.csn.edu/printwise.
Advising & Coaching Services	Advisor/Success Coaches help students assess academic strengths and limitations, learn academic success strategies, explore careers, declare a major, navigate the educational system, access campus and community resources, and connect to campus life. The department also manages the CSN Faculty

	E-Alert System assisting instructional staff by working with students on strategies and interventions that lead to successful course completion. Charleston Campus Bldg. D – Student Services Area 651-7367 North Las Vegas Campus 1100 Student Services Area 651-2626 Henderson Campus Bldg. B – Room 120 651-3103
Counseling	Academic Counseling: If you are a new student or have not declared your major, you will meet with a CSN success coach for all your advising needs, including course planning and career exploration services. Success coaches are located in student services areas and their contact information is available at Advising web site Students with DECLARED majors go to Advising web site for instructions for scheduling an appointment with an academic counselor.
Additional Notes	**My responsibilities:** 1. I will reply to your e-mail messages within one day. Replying to phone calls may take at most two days. 2. I will make sure to accommodate all your learning needs and will answer your questions in a timely manner. 3. I will try my best to resolve any issues. 4. I will return feedback and your grade on assignments within one week of the due date. **Your responsibilities:** 1. Stay active in classroom discussions and activities. Let me know if you find any discrepancies in the syllabus, course material, or activity due dates, as soon as possible. 2. Watch the deadlines for exams and ask questions. 3. Do the best you can in the class and don't hesitate to ask for help. 4. You will review my feedback on your assignments and will let me know of any questions or concerns as soon as possible.
Withdrawal Policy - IMPORTANT DATES	**IMPORTANT – I will NOT grant a W (withdrawal) once the official college deadline has passed. Please DO NOT ASK! More information here on the first day of class.**
CLASS POLICIES	This is an online section without any classroom meetings. All exams will be administered through the Canvas system and the eBook's web site. All course material is available online in Canvas. While the design of this course allows flexibility in your scheduling, please realize that the deadlines are just as

	strict as any other course. You should check the calendar and discussion postings daily and allocate your time accordingly to complete the readings and to be prepared for the exams. Due dates will be strictly adhered to. You will use the mail and discussion features of Canvas to contact me or ask questions. **A note on the on-learning environment:** To stay on task, I release chapter material and assignments on a timely basis. Exams can only be taken during the scheduled period. If you like to get this material earlier than the rest of the class, send me an e-mail message and I will give you access to the material. The links to assignments and exams will disappear after their respective due dates. Some students have complained that some links disappear from time to time. This is most likely due to system issues or incommutability with your web browser. Please send an e-mail message informing me about any links that have disappeared from your view. Online sections offer flexibility where you need to manage your time to achieve success. I will assign programming projects that will be graded, and you will have to take exams by specified due dates**. It is extremely simple to ignore due dates and fall behind which I hope we can seriously avoid!** This is a single person class; meaning that just as in a normal classroom, you must turn in your own work. You are not allowed to collaborate or consult with anyone else while working on an exam. You are not allowed to collaborate on completing assignments. You should not be looking at each other's code for assignments. You can freely discuss items in the general sense. Cheating in any form will not be tolerated. Finally, Internet access is your responsibility. This class can be accessed from any computer with Internet access anywhere in the world. Therefore, excuses such as "My computer is not working" or "My provider was down" are not acceptable. If you find yourself in a real jam, you may drive to any CSN site and use one of the computers in the CSN open computer labs. Of course, if there is a computer problem originating from CSN, then I will take corrective action. But in all other instances, it is your responsibility to ensure your own Internet access.
Software Lab	The CIT department has a dedicated software lab at the three major campuses where students may drop in for additional help. You may just drop in as you wish without making appointments.
Centers for Academic Success (CAS)	Free one-on-one and drop-in tutoring is available in the Communication Centers, Math Resource Centers, Science

	Resource Centers, Tutorial Learning Centers (one-on-one tutoring), and Writing Centers. Tutors are available in most subjects to provide learning support and help students improve academic motivation and performance, enhance self-esteem and confidence as an independent learner, and achieve educational goals. Visit the CAS web site for detailed information about all CAS programs and centers including locations, hours and more.
EXCESS CREDIT FEE INFORMATION	Please visit the web site for information about the excess credit fee applied in certain circumstances.
TITLE IX Resources	More information is available at their web site.
Objectionable materials	This class will use a discussion forum. Please refrain from posting any objectionable or private information in these forums. If such information is posted, I will try to immediately delete your post. Failure to comply with this policy may also lead to dismissal from the class and referral to college administration for further actions.

We will have assignments due on a weekly basis. The due date for each assignment will be announced in Canvas and all assignments are delivered and submitted through Canvas. All homework assignments are assigned on any given Monday at 12:00 am and are due on any given Monday at 11:55 pm. The last homework assignment may have a non-Monday due date.

Additional NOTES:
Exams can only be taken online during the specified dates.

There are several homework assignments.
Exam 1 is worth 100 points.
Exam 2 is worth 100 points.
There is a final exam worth 100 points.

Here is a formula for how your final grade is calculated:
(The average of homework assignments * .65 + exam1 * 0.1 + exam2 * 0.1 + Final * .15)

So, if Joe's average on homework assignments is 80 and he earns 75 points on exam1, 80 points on exam 2, and 80 points on his final exam, what is his total score? What is his overall course grade?

Answer: (80 * .65 + 75*.1 + 80*.1 + 80*.15) = 79.5
Letter grade: C+

The CANVAS system's grade book will allow you to track your grade for each item.

A tentative schedule of activities -- The following outlines the list of topics we cover in this course. Exam dates will be available in Canvas on the first day of class.

TOPICS
Chapter 1 - Introduction to PL/SQL Programming – Introduction to the Canvas environment
Chapter 1 - Using SQL*Plus – Reviewing basic SQL concepts Algorithms and problem solving
Installing Oracle software on local machines (optional) Installing the sample databases Chapter 2 - Basic PL/SQL Block Structures
Chapter 2 - PL/SQL Block Structures
Chapter 3 - Handling Data in PL/SQL Blocks
Chapter 3 - Handling Data in PL/SQL Blocks
Chapter 4 - Cursors and exception Handling
Chapter 4 - Cursors and exception Handling Chapter 5 - Procedures
Chapter 5 - Procedures
Chapter 6 - Functions
Chapter 6 – Functions Chapter 7 - PL/SQL Packages
Chapter 7 - PL/SQL Packages
SKIP chapter 8 Chapter 9 - Database Triggers
Chapter 9 - Database Triggers Chapter 10 - Oracle-Supplied Packages