"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. For Cheyenne the number is 651-4700, for West Charleston the number is 651-5089, and for Henderson the number is 651-3086.
For those students that would like to perform community service or earn a little extra cash, stop by the DRC to fill out a job interest card. This office hires students as note takers, proctors, scribes and research assistants as needed."

“Are you in need of a single program that can provide you with in-depth academic planning, supplemental tutoring, assistance in filing for financial aid, additional grant money, and effective study skills, all for FREE? Degree seeking low-income, first-generation college, financial aid-grant recipients, and disabled students can contact TRIO’s Student Support Services at 651-4441/room 1121 CYE campus for more information”.

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

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

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 CCSN before calling us!

Call 651-2626

"The Only man who never makes a mistake is the man who never does anything." Theodore Roosevelt
Course Objectives:
This course presents the basics of writing Oracle PL/SQL program units. Basic PL/SQL language elements, decisions, loops and cursors using the Procedure Builder and the SQL*Plus environments will be covered. PL/SQL procedures, functions and packages will also be covered. 
(Pre-requisite: Introduction to Oracle (CIT181) - or a working knowledge of SQL). Previous programming experience is most helpful.

Course 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

Course Requirements:

Software:
The Oracle database software to test and run your PL/SQL programs is required for this course. You can download Oracle software from the Oracle’s web site. There are several versions of the Oracle database that you may download. Please make sure to check your system requirements before downloading a specific version of the Oracle database system. Usually, 1GB of RAM is a basic requirement. Most computers have enough hard disk space to accommodate the Oracle system (at least 3GB of free space). I recommend downloading the “Oracle Database 10g Express Edition Downloads” available at: http://www.oracle.com/technology/software/products/database/xe/index.html

Tests:
Your grade is based on programming projects and online exams. All exams may include True/False, Multiple choice, short answers, and Fill-in type questions. The material covered on the tests will be discussed prior to the examinations.

Assignments:
Several programming assignments will be assigned and collected.

Ethics Statement:
It is expected that you work on your own.

 MISSED-TEST POLICY: All work will be conducted online. If you miss a test by the allotted date, you will not be able to make-up the missing work unless you make special arrangements.

 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: You are given a chance to withdraw from this class by the instructor up to the last day of classes. If you do not wish to keep the grade that you are getting, you may ask to be withdrawn from the class. You must send me an e-mail expressing that you want a withdrawal from the course by May 17, 2008.

CLASS POLICIES: This class will be held solely over the Internet. However, you may use the mail and discussion features of WebCT to contact me or ask questions. While the design of this course allows flexibility in your

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scheduling, please realize that the deadlines are just as strict as any other course. You should check the calendar and
discussion postings on a daily basis and allocate your time accordingly to complete the readings and to be prepared
for the exams. Due dates will be strictly adhered to.
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. FAILURE TO ADHERE TO
THIS POLICY WILL RESULT IN A ZERO FOR THE EXAM AND MAY LEAD TO REMOVAL FROM THE
COURSE.
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.

GETTING STARTED: You will be able to log into this class via WebCT 6 on January 22, 2008. To do so, go to
www.csn.edu and click the WebCT 6 (Virtual College) Access link. Then click the Log In To My WebCT link.
Then enter your WebCT ID and your password and click the Login button. Then take a look at the options and links
to get started.

Grading Policy:
The final grade is based on 2 exams (midterm and a final) and programming assignments. The exams
constitute 30% (midterm at 15% and final at 15%) of your grade and the programming assignments will
constitute 70% of your grade.

<table>
<thead>
<tr>
<th>GRADE DISTRIBUTION:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Points</td>
</tr>
<tr>
<td>Grade</td>
</tr>
</tbody>
</table>

Please READ:

This is an entirely online course and as such it is a flexible course where you need to be able to manage your
time as not fall behind. I will assign programming projects that will be graded and you will have to take
online exams by specified due dates. You may not make up any exams or projects passed the due date unless
you make prior arrangements with me. It is extremely simple to ignore due dates and fall behind which I
hope we can seriously avoid!

You are always welcome to come to my office during the posted office hours.

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A tentative schedule of activities – Spring 2008 – 1/22/08 – 5/17/08

I’ll try to cover the material outlined in the table below from chapters 1-10 of your textbook. I may adjust this schedule as time goes on based on your needs. The due dates on the assignments may also be changed to accommodate your needs.

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Textbook chapter</th>
<th>Assignment and exams</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – 1/22 – 1/28</td>
<td>Introduction to PL/SQL Programming</td>
<td>Chapter 1</td>
<td></td>
</tr>
<tr>
<td>2 – 1/29 – 2/4</td>
<td>Using SQL*Plus – We’ll skip the JDeveloper section</td>
<td>Chapter 2</td>
<td>Assignment 1 – due 1/29 On algorithms and basic SQL commands</td>
</tr>
<tr>
<td>3 – 2/5 – 2/11</td>
<td>PL/SQL Basics</td>
<td>Chapter 3</td>
<td>Assignment 2 – due 2/5 On material up to chapter 2</td>
</tr>
<tr>
<td>4 – 2/12 – 2/18</td>
<td>PL/SQL Basics</td>
<td>Chapter 3</td>
<td></td>
</tr>
<tr>
<td>5 – 2/19 – 2/25</td>
<td>Using SQL with PL/SQL</td>
<td>Chapter 4</td>
<td>Assignment 3 – due 2/19 On chapter 3 material</td>
</tr>
<tr>
<td>6 – 2/26 – 3/3</td>
<td>Using SQL with PL/SQL</td>
<td>Chapter 4</td>
<td></td>
</tr>
<tr>
<td>7 – 3/4 – 3/10</td>
<td>Records</td>
<td>Chapter 5</td>
<td>Assignment 4 – due 3/4 On chapter 4 material</td>
</tr>
<tr>
<td>8 – 3/11 – 3/17</td>
<td>Records</td>
<td>Chapter 5</td>
<td>MIDTERM EXAM – covers chapters 1-4</td>
</tr>
<tr>
<td>9 – 3/18 – 3/24</td>
<td>Spring Break</td>
<td>NO CLASS PARTICIPATION</td>
<td>Enjoy the break</td>
</tr>
<tr>
<td>11 – 4/1 – 4/7</td>
<td>Collections</td>
<td>Chapter 6</td>
<td></td>
</tr>
<tr>
<td>12 – 4/8 – 4/14</td>
<td>Error Handling</td>
<td>Chapter 7</td>
<td>Assignment 6 – due 4/8 On chapter 6 material</td>
</tr>
<tr>
<td>15 – 4/29 – 5/5</td>
<td>Database Triggers</td>
<td>Chapter 10</td>
<td>Assignment 8 – due 4/29 On chapter 8 and 9 material</td>
</tr>
<tr>
<td>16 – 5/6 – 5/12</td>
<td>Database Triggers</td>
<td>Chapter 10</td>
<td>Assignment 9 – due 5/12 On chapter 10 material Final Exam – May 12 Covers all material mostly based on chapters 1-10</td>
</tr>
</tbody>
</table>

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