**Tentative** **Course Schedule (Subject to modification depending on progress of the course)**

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| **Week #** | **Topic** | **Readings** | **Hands-on Assignments** |
| 1 | OPTIONAL: Videos on ERDs, database structures  Assignment of SIUE Oracle accounts  Intro to Oracle DBMS and SQL, Creation of the course database in your Oracle account  How to create a SPOOL file and submit Lab assignments on Bb  Overview of Relational Database  Creating and populating tables, some basic SQL DDL/DML commands | Peruse Course syllabus & Schedule  Chapter 1  Chapter 2 | **Due: Lab1, Lab2** |
| 2 | Single Table Query Basics:  Select, From, Where, and Order By clauses.  Adding power to your queries:  AND, OR, NOT, IN, NULL operators, Arithmetic Expressions | Skip Chapter 3  Chapter 4 Chapter 5 | **Due: Lab4, Lab5** |
| 3 | Aggregate Row Functions,  Group By and Having clauses | Chapter 6 | **Due: Lab6** |
| 4 | Joins (inner and outer) and Views  **Exam 1 (Chapters 1-7)** | Chapter 7 | **Due: Lab7**  **Due: Exam 1 (Chapters 1-7)** |
| 5 | Sub-queries, Correlated sub-queries, In-line View Queries | Chapter 8 | **Due: Lab8** |
| 6 | Additional Oracle functions | Chapter 10 | **Due: Lab10** |
| 7 | Report Formatting in SQL\*Plus  **Exam 2 (comprehensive, Chapters 6-10)** | Chapter 9 | **Due: Lab9**  **Due: Exam 2 (Chapters 6-10)** |
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**NOTE:**

* **Class preparation and assignments will be described more in detail in respective weekly folders on Blackboard.**
* **Each Lab # corresponds to the Chapter # in the book. Since we are not covering Chapter 3, there is no Lab 3.**