Course Name: Relational Databases and SQL

Course Term: Jan 23 – Mar 27
Course Time and Day: 6pm – 9pm on Wednesdays
Instructor: Mr. Peter Smolianski

Prepares for certification exam: **Oracle Database SQL | 1Z0-071**

Week 1
Introduction
Installing Oracle Database
Introduction to SQL Developer
Installing SQL Developer

Week 2
Introduction to SQL
Basic SELECT statements

Week 3
Restricting and sorting data
Using single row functions
Using conversion functions and cond. expressions

Week 4
Reporting aggregated data using the group functions

Week 5
Displaying data from multiple tables using joins

Week 6
Using subqueries to solve queries
Using Set operators

Week 7
Managing tables using DML statements

Week 8
Introduction to Data Definition Language

Week 9 and 10
Data Dictionary Views and working with Views