Syllabus

Syllabus	**CIS 251 Structured Query Language**
	Fall 2014
	5 Credits

Course Information

Section:	**A**
Class Meetings:	Arranged – Online via Canvas
Instructor:	Louis HO
email:	louis.ho@email.edcc.edu
Phone (voice mail only):	425.640.1308 (better to reach me by email - I spend my time in Snohomish Hall Room 124)
Office Location:	Alderwood Hall 213
Office Hours	Monday and Wednesday 2:00p.m. – 5:00pm (or by appointment)
Final Exam Due:	**Online Due: Wednesday, Dec 10, 2014 11:55 PM** **(No exceptions made)**

Materials:

Text:	**INTRO TO SQL**
Author:	VANDERLANS
ISBN:	9780321305961
Software:	MySQL and MySQL Workbench - Available through download

COURSE Description: Covers topics in Structure Query Language (SQL) including statements such as select, update, insert, delete, and create. Emphasis on the ability to extract, update and maintain databases using SQL. Prerequisite: CIS 250 with a minimum grade of 2.5 or equivalent.

While accomplishing this, the following learning objectives will be met:

· Identify the elements of a database

· Describe the structure of relational database

· Identify and understand the major data types

· Explain the significance of indexes

· Explain what SQL is

· Describe why SQL is such a powerful tool

· Demonstrate the ability to create relational database

· Demonstrate the ability to create single select statements

· Demonstrate the ability to create select statements using sub-queries

· Demonstrate the ability to insert, update and delete data

· Demonstrate the ability to create multi-table select statements

· Demonstrate the ability to create select statements using outer joins

· Demonstrate the ability to create select statements using functions and expressions

· Demonstrate the ability to create drop and modify tables

· Demonstrate the ability to perform database maintenance and administration

BASIC EDUCATION REQUIREMENTS (COLLEGE WIDE ABILITIES):

While achieving the course objectives above, you will be applying and developing the following basic education requirements:

Reason clearly using varied analytic and creative approaches

- Locate, acquire, evaluate, and apply information in response to an identified need or problem

- Analyze data by reshaping it as a quantitative model or other analytic framework in order to deepen understanding of information and to solve problems

- Use facts or premises to form conclusions, judgments, or inferences

- Use new observations, interpretations, and perspectives to reexamine or revise initial conclusions or to reconsider perspectives

- Engage in imaginative and critical inquiry to explore concepts and perspectives and to

construct new knowledge, insights, or models

- Analyze, synthesize, integrate, and evaluate ideas and information from multiple perspectives in order to make complex decisions, solve problems, evaluate actions, adapt to changing situations, and plan for the future

- Use appropriate tools, techniques, and technology to solve problems

POLICY ON CHEATING:

I will not tolerate cheating. Grades on assignments, quizzes or tests will be adjusted as warranted. Students who are suspected to have cheated will have a private talk with me and/or the division director. During or after this discussion we may make a suitable adjustment, if circumstances seem to warrant it. The following list is a sample of items that I consider to be cheating, but is not a complete list:

- Any assignment OR test which is copied in whole or in part from another person.

- Plagiarism (please be sure that you know what this means).

- Using corrected exams to study for late test taking.

- Use of past test to study for test taking.

EMERGENCY CLOSURE:

In case of an emergency closure, please access the following web site for information: http://www.schoolreport.org/ and or call this phone number: 425-640-1459.

WEEKLY CLASS SCHEDULE:

Each week you will be presented with:

Reading assignments

A discussion board topic

A hands-on assignment

Successful completion of student responsibilities in this class requires access to Canvas via an Internet browser. You are expected to log in to the Canvas classroom at least 2 times per week. Instructions for access to Canvas may be located online at the following address: [http://edcc.instructure.edu]

GRADING

GRADE TABLE

Grade Points:								Letter Grades:	
4.0	95		2.9	84		1.8	73	A	4.0 - 3.9
3.9	94		2.8	83		1.7	72	A-	3.8 - 3.5
3.8	93		2.7	82		1.6	71	B+	3.4 - 3.2
3.7	92		2.6	81		1.5	70	B	3.1 - 2.9
3.6	91		2.5	80		1.4	69	B-	2.8 - 2.5
3.5	90		2.4	79		1.4	68	C+	2.4 - 2.2
3.4	89		2.3	78		1.4	67	C	2.1 - 1.9
3.3	88		2.2	77		1.3	66	C-	1.8 - 1.5
3.2	87		2.1	76		1.2	65	D+	1.4 - 1.2
3.1	86		2.0	75		1.1	64	D	1.1 - 0.9
3.0	85		1.9	74		1.0	63	D-	0.8 - 0.7

PROJECTS and ASSIGNMENTS:

In this class you will be providing evidence of your knowledge through completion of hands-on assignments, quizzes and tests. Without completing this body of evidence it is impossible to assign you the grade that you earn for the quarter.

Therefore, with the exception of the final project/assignment, assignments are due as stated on the course calendar. Assignments received late will be marked 50% off after the due date as stated. You will have 48 hours to complete late work, if the work is not completed within 48 hours, the project/assignment will not be accepted. The final assignment / project will not be accepted late. No assignments will be accepted after the regular class day of the quarter.

No make-up tests or quizzes will be given **unless prearranged**. Prearranged is defined as: notifying the instructor of your inability to take the test or quiz before the scheduled time of the test or quiz. Your lowest quiz score will be thrown out, therefore, if you miss a quiz and it has not been prearranged, this will be the quiz score that is thrown out. If you have prearranged to make up a quiz or test, you will be given a different quiz/test. Again, you will have an arranged time frame within which to take the test or quiz.

Attendance in this class: Successful completion of student responsibilities in this class requires access to Canvas via an Internet browser. You are expected to log in to the Canvas classroom at least three (2) times per week.

Your grade will be calculated on a mixture of total points available and weighted according to the following:

Class participation, including active participation in the discussion board and class attendance 10%

Hands-on Assignments 45%

Quizzes and Tests 45%

Extra credit (if available) 1%

Policy on V and I grades (if applicable), including college definitions

I - The incomplete is given at the discretion of the instructor only when the student has done satisfactory work but could not, for some unavoidable reason, complete some part of the coursework or take the final examination. The student and instructor prepare and sign an "Incomplete Grade Contract" (located in division offices) specifying the work to be completed. The contract will include the date by which all work must be submitted and the grade that will be submitted if the work is not completed.

V - An instructor-initiated withdrawal. The final grade issued if an instructor initiates a class withdrawal before the end of the quarter, often in consultation with the student, or if a student enrolls in a class but never attends or stops attending class. A faculty member is under no obligation to grant an instructor-initiated withdrawal.

Other Important Information:

Online, Hybrid, and Canvas-enhanced Classes:

Successful completion of student responsibilities in this class requires access to Canvas via an Internet browser. You are expected to log in to the Canvas classroom at least 2 times per week. Instructions for access to Canvas may be located online at the following address:

Toll-free technical support (24/7 service) at [http://supportcenteronline.com/ics/support/default.asp?deptid=746]

Services for Students With Disabilities:

If you require an accommodation for a disability, please contact Services for Students with Disabilities, Mountlake Terrace Hall 159, Voice: (425) 640-1320, TTY: (425) 774-8669, Fax: (425) 640-1622, ssdmail@edcc.edu.