

## CIT 352 – Database Administration II

### *Spring 2015*

Instructor: **Eugene Patsalides**

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#### **Course Description:**

SQL is a standard relational query and definition language. The syntax for table creation, modification, and access will be presented, including queries based on relational algebra (projection, selection, join, etc.).

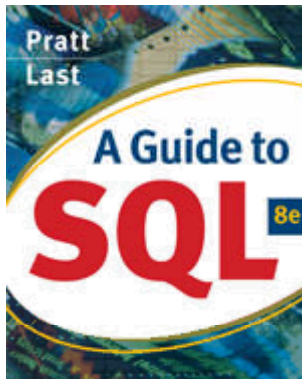
3 credit hours

#### **Course Competencies:**

Upon completion of this course the student will be able to:

1. Demonstrate familiarity with SQL syntax for:
  - a. data definition
  - b. data modification
  - c. data manipulation
  - d. defining views
  - e. maintaining data integrity
  - f. perform multiple table operations
2. Demonstrate the ability to implement all the concepts above, using a microcomputer implementation of SQL associated with a relational DBMS.
3. Use the host language interface to embed SQL statements to: create tables, insert and delete data, extract data, and format output for screens and reports

#### **Textbook (required):**



**A Guide to SQL, 8th Edition**

**Philip J. Pratt -**

**Mary Z. Last -**

ISBN-10: 0324597681

ISBN-13: 9780324597684

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Publisher: Course.com

#### **Required Materials:**

Computer with Windows operating system

MySQL 5.1 (Can be downloaded free. Instructions on how to download and install is provided on the class website in blackboard)

**Grades:**

Semester Grades are calculated as shown below:

Assignment	% Points Per Assignment	Total
Discussion Board (6 discussions)	2%	12%
Review Questions (Chapters 2, 3, 4, 5, 6, 7, 8)	2%	14%
Exercises PP and HP (Chapters 1, 3, 4, 5, 7)	8%	40%
Tests (Chapters 1 – 8)	3%	24%
Final Exam	10%	10%
<b>Total</b>		<b>100%</b>

**Scale:**

90% - 100%	<b>A</b>
80% - 89%	<b>B</b>
70% - 79%	<b>C</b>
60% - 69%	<b>D</b>
Below 60%	<b>E</b>

**Outline:**

**We will cover chapters 1 through 8.**

On average students will have between one and two weeks to complete the assignments for each chapter, and are expected to dedicate about 4 to 5 hours per week to complete these assignments, so please plan accordingly.

My advice to you is that you need to try to complete your assignments at least two days before the due date in order to be able to take care of any problems which might arise. For example you might need to ask for assistance on how to do an assignment, or your internet may not work, or the website is not accessible. Please try to foresee some of these problems.

After the assignments for a chapter are due students will have to take a **test** for that chapter.

- The test questions will be in the form of multiple choice and true/false questions. Total number of questions per test: 40
- Each test will be available for, at least, one week. At any time during the week you can click on the test link and take the test.
- Students will have 90 minutes to complete each chapter test. Once you start the test you will have 90 minutes to complete it.
- **Test scores** will be available immediately once the test is completed and submitted.
- Students will have the opportunity to **take each test twice**. The higher of the two scores will count as the test grade. You do not have to take each test twice, but you could, if you are not pleased with the score on your first attempt. The second test attempt will not have the exact same questions as the first one nor will the questions be in the same order.

There will be a **Proctored Final Exam** in this course.

**Final Exams**

While you may be able to use the proctor of your choice at the location of your choice, you must register with the WKU testing center in order to have your proctor approved (see <http://www.wku.edu/testing/> for more details). Note that you must pre-register with the testing center before taking the exam, which is usually no less than 10-days prior. I highly suggest that you register early. Final exams must be taken during final exam week. You may choose Monday through Wednesday during finals week to take the exam.

➤ **Tests can only be made up in extreme circumstances.**

➤ **No late homework assignments will be accepted**

For all discussion responses, you will be graded on four characteristics:

- **Timeliness** - For full points, you must contribute to the discussion in a timely fashion. Discussions will be available for two weeks. You will be required to post your initial response during the first week. During the second week, you will be required to comment on two of your classmates' responses.
- **Style/Mechanics** - For full points, postings must be free of grammar issues, and follow APA Style
- **Comprehension** - For full points, postings must reflect comprehension of the topic(s)
- **References** - For full points, postings must be supported with the text or other scholarly sourcesMR

***Instructor Feedback***

In general, I will post grades the week after the assignment is due. At any time if you have questions about any comments and/or grades, please contact me within three or four days at most while the issues are still fresh in both our minds. This will help to iron any issues out as soon as possible.

**E-mail:**

An email account is provided to the students. All communications concerning this course should be done through this email account. Allow 24 to 48 hours for email responses.

**Withdrawal Policy:**

A student may withdraw from this course without permission any time before midterm. Instructor's permission is required after midterm. Remember that by just stop participating in the class does not mean you withdraw from this course. You must follow proper procedures in order to withdraw from any course.

**Attendance Policy:**

Online students are expected to sign in the class Website on regular weekly basis. At least **TWO (2)** times per week.

Please refer to the WKU ***Code of Student Conduct*** for other rules and procedures, your rights and responsibilities as a student.

**Academic Honesty Policy**

The WKU faculty and students are bound by principles of truth and honesty that are recognized as fundamental for a community of teachers and scholars. The University expects students and faculty to honor, and faculty to enforce, these academic principles. The university affirms that it will not tolerate academic dishonesty.

**Student Disability Services**MR

In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services in Downing University Center A-200. The OFSDS telephone number is (270)745-5004; TTY is (270)745-3030. Per university policy, please DO NOT request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.