COURSE OUTLINE

Course Number: IST 260
Course Title: SQL Server Design
Credits: 4

lecture hours: 3  
Laboratory hours: 2

Pre-requisite: None
Implementation: Fall 2013

Catalog description:
This course presents the essential SQL statements for retrieving and updating the data in a database. Students will master these to work effectively with database data in applications. Then, it students learn how to design and create a database, because application developers often end up in the role of database designer and DBA. Students also learn how to work with views.

Revision date: December 05, 2012
Course coordinator: Queen E. Okike, Ed.D.

Course Goals:

The student will be able to:
- Explain relational databases and SQL
- Use the Management Studio
- Retrieve data from a single table
- Retrieve data from two or more tables
- Code summary queries
- Code subqueries
- Insert, update, and delete data
- Work with data types
- Use functions
- Design a database
- Create and maintain databases, tables, and sequences with SQL statements
- Use the Management Studio for database design
- Work with views
Specific methods for evaluating student progress through the course are up to the discretion of the instructor. Below is an example of grade breakdown:

<table>
<thead>
<tr>
<th>The final grade is based on the following values:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance and class participation</td>
<td>10%</td>
</tr>
<tr>
<td>2 Tests</td>
<td>20%</td>
</tr>
<tr>
<td>Laboratory &amp; Project Assignments</td>
<td>40%</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>15%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>15%</td>
</tr>
<tr>
<td>Total</td>
<td>100%</td>
</tr>
</tbody>
</table>

**Course Policies:**

**Missed Classes:** The student is responsible for obtaining material distributed on class days when he/she was absent. This can be done through contacting a classmate who was present or by contacting the instructor during his office hours or other times. Missed or late quizzes cannot be made up under any circumstances but with good cause and adequate notice, an early quiz may be given. One quiz (lowest score) will be dropped at the end of the semester.

**Assignments:** All assignments are due at the beginning of class on the date due. Late submission of assignments will be assessed a penalty of 10% per day. No exceptions are made.

**Academic Dishonesty:** Plagiarism and cheating are serious offenses and may be punished by failure on exam, paper or project; failure in course; and or expulsion from the University. For more information refer to the "Academic Dishonesty" policy in the University Undergraduate Catalog. For this class, it is permissible to assist classmates in general discussions of computing techniques. General advice and interaction are encouraged. Each person, however, must develop his or her own solutions to the assigned projects, assignments, and tasks. In other words, students may not "work together" on graded assignments.

**Need for Assistance:** If you have any condition, such as a physical or learning disability, which will make it difficult for you to carry out the work as I have outlined it, or which will require academic accommodations, please notify me as soon as possible.

**Incomplete Policy:** Students will not be given an incomplete grade in the course without sound reason and documented evidence as described in the Student Handbook. In any case, for a student to receive an incomplete, he or she must be passing and must have completed a significant portion of the course.