CSCI 526 001– Database Systems

Spring 2013

Day and Time: Tuesday, Thursday: 2:00 - 3:15 PM; Meets 1/14/2012 - 05/10/2012

Instructor:
Varadraj P. Gurupur, PhD
Journalism Building, Room 210
Email: varadraj.gurupur@tamuc.edu
(Please use the subject name as CSCI 526 in your email)

Office hours:
Mondays – 2:30 PM to 4:30 PM
Tuesdays – 11:30 AM to 1:30 PM and 3:30 PM to 4:30 PM
Wednesdays – 2:30 PM to 4:30 PM
Thursdays - 11:30 AM to 1:30 PM and 3:30 PM to 4:30 PM (other times available by appointment)

Textbook:

If the topics discussed in the slides are not included in the textbook the instructor will provide links to additional study material.

Pre-Requisites:
Prerequisites: Lvl G CSCI 515 Min Grade C

The expected student learning outcomes for this course are as follows:

- Obtain current status of the state-of-the-art database design methodology in industry and academics.
- Master the technique for team play and teamwork for small scale database projects through brainstorming and joint requirement planning.
- Learn and use effective tools for logical and physical database design and development.
- Perform data normalization process for effective data management.
- Write SQL programs for effective data definition and manipulation.
- Develop ER diagrams for logical design of database systems.
- Implement a small scale database development project using commercially available DBMS tools.
- Learn to apply various data verification techniques for easy and effective data maintenance.
• Learn how to evaluate database management systems with widely-accepted industry standards.
• Be able to demonstrate and present the initial, intermediate, and final delivery of the database design project.

Grading Policy:

• A - 90% and above; B - 80% - 89%; C - 70% - 79%; F - below 70%

Score Breakup:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>20%</td>
<td>Eight quizzes will be conducted and the best six scores will be counted for the final grade</td>
</tr>
<tr>
<td>Homework</td>
<td>20%</td>
<td>Two homeworks will be provided</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>20%</td>
<td>The midterm exam will be conducted on March 7, 2013 at 2:00 PM</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
<td>The final exam would be comprehensive and will be conducted at 2:00 PM on May 2, 2013</td>
</tr>
<tr>
<td>Project</td>
<td>20%</td>
<td>An individual database project would have to be developed by each student</td>
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Quiz Schedule:

All eight quizzes will be conducted without prior notice. In this way the instructor can ensure the regular attendance of the students. There will be no makeup quizzes.

Policy on Plagiarism:

Students involved in plagiarism will receive a zero for that particular homework, or test for the first instance of this action. A second instance will result in the student receiving “F” for the course.
Students with Disabilities Act Compliance:

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

Office of Student Disability Resources and Services  
Texas A&M University-Commerce  
Gee Library  
Room 132  
Phone (903) 886-5150 or (903) 886-5835  
Fax (903) 468-8148  
StudentDisabilityServices@tamuc.edu