ISDS 402 – Database Management Systems

Mihaylo College of Business and Economics
Department of Information Systems and Decision Sciences

Professor: Dr. Ester S. Gonzalez  
Email Address: esgonzalez@fullerton.edu
Office Location: SGMH 4189  
Office Phone: 657.278.3721
Office Hours: Tuesday and Thursday 8:30 a.m. – 10:00 a.m. or by appointment
Course Website: Titanium

Course Description:

ISDS 402 is an upper-division course in modern database management systems. The overarching goals of this course are to introduce you to the fundamental concepts underlying the design, development, implementation, and maintenance of modern databases. This course will also familiarize you with how databases are leveraged by organizations to enable their day-to-day operations, enhance their managerial decision-making activities, and improve their competitive positions. Throughout this course you will learn about many aspects of modern database management including:

- Database fundamentals
- The relational database model
- The structured query language (SQL)
- Data modeling and the entity-relationship (ER) model
- Database design
- Database administration
- Database processing applications
- Database processing for business intelligence (BI) applications

Required Text:


Required Technologies and Skills:

- MS SQL Server, MS Visio, text editor (e.g., Notepad) and word processor (e.g., MS Word) will be used in this course to create required deliverables for assignments.
- You must possess the required skills to use the hardware and software noted above.
- You must have access to the latest version of the software mentioned above, which can be obtained free of charge through MSDNAA network. This software is also installed in MCBE labs.
Teaching Method:

This course will be taught using various methods including readings, discussions, videos, quizzes, and hands-on exercises. Students are responsible for all information provided on the course website. If class is missed, it is the student’s responsibility to check the course website, acquire class notes from a classmate and/or see the professor during office hours. The lecture and class discussion will not be repeated through e-mail.

Expectations:

The content of this course is difficult to master without substantial degree of effort on your part. Thus, you will need to dedicate a great deal of time reading, thinking and doing the hands-on exercises if you are to be successful. You will need to be vigilant about keeping pace with the course schedule. In addition to lectures and class attendance, the course website will be a key resource for obtaining course materials and for communicating with the professor and your fellow classmates. Please be sure to check the website for updates and/or announcements regularly.

When communicating with your professor or your classmates, you will be expected to follow the standard rules of network etiquette (“netiquette”). A detailed description of standard netiquette rules are published by the Internet Engineering Task Force (IETF) in RFC 1855, which can be found at http://tools.ietf.org/html/rfc1855 Although your professor will not actively monitor your interactions with the course website, be aware that those interactions are automatically logged and can be reviewed if necessary.

Instructor Responsiveness:

• Barring any unusual circumstances, all student emails requiring a response will be answered within 48 hours. Communication via email should be addressed properly and respectfully.
• Grades for all discussion posts, assignments, project, and exams will be posted within one calendar week of their respective due dates. Further information about due dates for assignments can be found on the course schedule.

Additional Advice:

Do not fall behind and do not be afraid to ask questions. You have many options for contacting and interacting with your professor and your fellow classmates. Therefore, please do not hesitate to use them as necessary. This course requires in-class group assignments and your attendance in class is particularly important. It is best to communicate any issues and/or concerns early rather than later in order to avoid being delayed in completing any course related activity.

Evaluation:

Your course grade will be based upon your performance on two exams, eight online quizzes, and seven group assignments.

• All content exams will be closed-book and closed-notes, while hands-on exams will be open book and open notes.
• Quizzes will be administered during scheduled class meetings. Students are required to be in attendance in order to earn credit for the quizzes.
• In-class group assignments will be completed in small groups utilizing a variety of tools and techniques, all of which will count toward your final grade in the course. If you do not contribute to the completion of a group assignment, you will receive a score of zero for that assignment. Further details regarding the group assignments will be made available on the course website.

**Late group assignments, quizzes, or make-up exams will not be allowed without a documented, university-approved excuse. No exceptions!**

Final course grades will be determined using the following scale. This course will **not** incorporate the use of +/- grading. No “rounding up” will be applied to final course grades.

\[
\begin{align*}
&\geq 90.0\%: & A \\
&\geq 80.0\% \text{ but } < 89.9\%: & B \\
&\geq 70.0\% \text{ but } < 79.9\%: & C \\
&\geq 60.0\% \text{ but } < 69.9\%: & D \\
&< 60.0\%: & F
\end{align*}
\]

Weights are as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments</td>
<td>14%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>16%</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>30%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>40%</td>
</tr>
</tbody>
</table>

Final letter grades will be calculated from the grading scale above. No curves will be provided at the end of the semester.

**NO MAKEUP EXAMS WILL BE GIVEN. You must be present on dates for each exam.** Make-up exams will only be given in case of medical emergencies for which documentation from the physician will be required.

*Students missing an exam will receive an exam grade of zero. Therefore, it is imperative to be present for each exam as scheduled.

**Extra Credit:**

There is typically no extra credit in this course, but your professor may alter this at her discretion. No individualized extra credit assignments will be offered under any circumstances.

**Technical Problems:**

Please be aware that your professor has no control over the hardware, software, or networks which underlie the course website. If you encounter any technical problems, you should therefore
contact the CSUF IT Help Desk instead of contacting your professor. You can contact the help desk by calling 657.278.7777, or by sending an email to helpdesk@fullerton.edu.

**Grade Appeals:**

If you have a grading dispute for a group assignment, quiz, or exam, you **must** provide written details of your dispute to your professor within one calendar week of your grade having been made available to you in order for your concerns to be addressed.

**Special Accommodations:**

The University requires students with disabilities to register with the Office of Disabled Student Services (DSS), located in UH-101 and at (657) 278 – 3117, in order to receive prescribed accommodations appropriate to their disability. Students requesting accommodations should inform the instructor during the **first week** of classes about any disability or special needs that may require specific arrangements/accommodations related to attending class sessions, completing course assignments, writing papers or quizzes/tests/examinations.

**Emergency services:**

Although this is primarily an online course, you will likely find yourself on campus occasionally throughout the semester. Therefore, review the University's recommendations. See [http://www.fullerton.edu/emergencypreparedness/ep_students.html](http://www.fullerton.edu/emergencypreparedness/ep_students.html) for details.

**Pollack Library policy for online students:**

[www.library.fullerton.edu/about/guidelines/online-struction-guidelines.php](http://www.library.fullerton.edu/about/guidelines/online-struction-guidelines.php)

**Academic Integrity:**

Per UPS 300.021: “Academic dishonesty includes but is not limited to cheating on examinations or assignments, unauthorized collaboration, plagiarism, falsification/fabrication of university documents, and act designed to give unfair academic advantage to the student, assisting or allowing any of these acts, or the attempt to commit such acts.” These activities are expressly prohibited in this course.

Academic dishonesty, when detected, will result in **no credit** given for the associated work at hand (e.g., quiz, exam, or assignment). Also, this may result in a **failing grade** for the course plus additional university level disciplinary action, which **may include dismissal** from the university. Although only a few consequences have been mentioned, please note that you are subject to all of the provisions of the University Policy Statement on Academic Integrity. For more information, please see: [http://www.fullerton.edu/senate/documents/PDF/300/UPS300-021.pdf](http://www.fullerton.edu/senate/documents/PDF/300/UPS300-021.pdf)
Assessment Statement:

The programs offered in Mihaylo College of Business and Economics (MCBE) at Cal State Fullerton are designed to provide every student with the knowledge and skills essential for a successful career in business. Since assessment plays a vital role in Mihaylo College’s drive to offer the best, several assessment tools are implemented to constantly evaluate our program as well as our students’ progress. Students, faculty, and staff should expect to participate in MCBE assessment activities. In doing so, Mihaylo College is able to measure its strengths and weaknesses, and continue to cultivate a climate of excellence in its students and programs.

Finally...

As an MCBE student, you are required to make an ethical and professional commitment to act appropriately in all academic activities and to not tolerate any dishonorable or disrespectful behavior from yourself or from your classmates. This requirement includes both online and face-to-face behavior, and applies unambiguously to ISDS 402.