

- **Course:** Database Systems
- **Time & Place:** Tuesday and Thursday 4:00-5:45 p.m., Social Sciences 2, Room 071
- **Instructor:** Phokion G. Kolaitis; office: BE 249; phone: x9-4768, e-mail: kolaitis@cs.ucsc.edu
- **Teaching Assistant:** Suruchi Malatpure, email: slawande@soe.ucsc.edu
- **Office Hours:**
 - Kolaitis: Monday 9:30-10:45 a.m., Thursday 2:00 - 3:15 p.m., BE 249
 - Malatpure: To be announced
- **Lab and Discussion Sections:**
 - Monday 12:00-2:00 p.m., Crown Comput. 201
 - Tuesday 1:00-3:00 p.m., Crown Comput. 201
- **Textbook:** *Database Systems Concepts*, by A. Silberschatz, H.F. Korth, S. Sudarshan, 4th Edition, McGraw Hill, 2002.
- **Goal:** To cover much of the material contained in Chapters 1 through 7 (included), as well as selected topics from Chapters 10, 13, and 14 (time permitting).

- **Timetable:** The following is a tentative syllabus for the course:

Topic	Number of lectures
Introduction and Basic Concepts	1
The Relational Data Model	1
Relational Algebra & Relational Calculus	4-5
SQL	4
Functional Dependencies, Normalization, Design Issues	4-5
Entity-Relationship Model	1
Deductive Databases, Datalog	1-2
Query Processing and Optimization	1-2
Midterm Examination	1

- **Evaluation:** The course work will be weighted as follows:

Final Examination	40%
One Midterm Examination	25%
Two in-class Quizzes (25 minutes each)	10%
Lab Assignments/Projects	15%
Homework Assignments	10%

- **Examination Schedule:**

1. Final Examination on Thursday, December 11, 2003, 12:00-3:00 p.m.
2. Midterm Examination on Thursday, October 30, 2003, 4:00-5:45 p.m.
3. Quizzes:
 - (a) Quiz 1: Thursday, October 16, 2003, 4:00-4:25 p.m.
 - (b) Quiz 2: Thursday, November 20, 2003, 4:00-4:25 p.m.

The examination and quiz schedule is fixed. In particular, requests for changes in the schedule will not be accommodated.

- **Academic Integrity:** No form of academic dishonesty will be tolerated. Incidents of academic dishonesty will be reported according to the UCSC policy on academic integrity, the full text of which can be found at <http://oasas.ucsc.edu/avcue/integrity>
- **Miscellanea**
 - We will distribute solutions to the problems in the quizzes and in the midterm examination, after the grading has been completed.
 - We may distribute or post solutions to a small number of selected problems in some of the homework assignments, after the grading has been completed. However, we are not able to distribute or post solutions to all problems in the homework assignments.
 - We will *not* distribute or post “sample” examination problems or “sample” quiz problems.
 - The class has a newsgroup, which is accessible from the class webpages. We will occasionally post announcements and reminders there, but the newsgroup will not be used as a regular forum in which questions about lab assignments or homework problems are answered. The time and place to ask such questions and have them answered are the lab/discussion sections and the office hours.