

CS 541 – Database Systems
Spring, 2005
(Tentative Schedule)

01-Arican

Your WebCT-ID is: **johng-1** with password: **01Aric29**

Date	Day	Topic	Text/Assignments	Deliverables
Jan 10	M,W	Introduction, ANSI SPARC, ADT	C01, 02	
17	M	(no class)		
19	W	RDB	C05,06	
24	M,W	SQL	C08, 09	SQL(2 parts)
31	M,W	ER Modeling	C03	
Feb 7	M,W	ERWin / IDEF1X		
14	M	Design	C04	Design #1
16	W			Quiz 1
21	M,W	Design	C07	Design #2
28	M,W	FD, Normalization	C10, 11	
Mar 7	M,W	FD, Normalization		Design #3
14	M,W	(no class)		
21	M,W	Transaction, Concurrency	C17, 18	Design #4
28	M	Recovery	C19	
30	W			Quiz 2
Apr 1	(F)	(Last day to withdraw)		
4	M,W	Optimization, Security	C15, 23	Design #5
11	M,W	Temporal DB, Distributed DB	C24, 25	
18	M,W	OODB	C20, 21, 22	
25	M	XML	C26	
27	W			Quiz 3
May 2	M	(last class)		

C = Chapter in text book

CS 541 – Database – Spring 2005

Objectives:

Study of database systems. Design of databases. Study of SQL.

Class times:

The class will meet MW from 5:45PM – 7:00PM.

Text:

Fundamentals of Database Systems –4th Edition, by Elmasri & Navathe, Addison Wesley,
ISBN: 0-321-12226-7

Deliverables:

Deliverables (laboratory/homework assignments) are due on the date indicated on the assignment. Deductions of 5% to 10% per day will be made on work submitted late. Work will not be accepted for a grade after graded submissions are returned. Deliverables will be evaluated on technical merit and agreement with specifications. Deductions may be made for unreasonable content.

Quizzes:

Quizzes will be given on the dates specified. There will be 3 quizzes.

Grading (approximate %):

Deliverables	50%
Quizzes (3)	50%
Final	?

Plus and minus grades will be assigned.

The (approximate) letter grade scale will be:

90% and above	some kind of A
80% to 89%	some kind of B
70% to 79%	some kind of C
...	D's and F's

Instructor:

Name: Prof. John Gersting
Office: College Hall 3C
Phone: 808-974-7646

Office hours: 10AM-12noon MW (HST)
3PM-5PM MW(EST)
or by appointment
or by WebCT

Department Policies Concerning Course Administration

The grade of "W"(Withdrawals):

Students who feel that they cannot complete a course and receive a grade that reflects their knowledge of the material may withdraw from that course before the published withdrawal deadline. The student must obtain a drop slip, process it properly, and submit it to the appropriate office. Upon successfully dropping a course the student will receive the grade of W. DO NOT just stop attending a class without formally dropping it; this will result in the grade of F.

The grade of "I"(Incomplete):

The grade of "I" is given only when a student is unable to complete a small but important part of the course because of illness or other conditions beyond the control of the student. Negligence, indifference, or a failing grade are never acceptable reasons for giving an "I".

In order to apply for a grade of "I", the student must present to the course instructor a signed statement of the reason for the incomplete, including a detailed description of the work that is to be completed as well as a deadline for completion, which is not to exceed the date specified in the Academic Calendar. Then the appropriate form will be completed by the student and the instructor to issue the grade of "I".

Honesty (or lack thereof):

All course work, including examinations, homework, and programming assignments, must be individual work of the student who submits it. It is dishonest to submit as your own work anything that is copied, reproduced electronically (such as disk file copying) or in any other way not done completely by yourself. Incidents of dishonesty will be handled according to the University procedures governing cheating and plagiarism. The following penalties may be assessed:

- An "F" in the course for dishonesty in any assignment, examination or paper.
- Any students who are involved in group action which makes possible cheating or plagiarism shall be subject to the same penalties as if they themselves had cheated or plagiarized.

Homework/Laboratory/Programming Assignment Guidelines:

Naturally, homework/laboratory/ programming assignments are to represent your own work. In this respect, they do not differ from examinations. However, you may obtain certain types of assistance from the instructor or from laboratory consultants. Since your work is to be your own, neither the logical design nor the actual content is to be the product of a group effort or of anyone except yourself. This rule is absolute and will be enforced. Violations will be viewed as academic dishonesty and will be treated as such. Since solutions to nontrivial assignments produced independently are invariably different, strikingly similar solutions submitted for an assignment will be suspect. Should more than coincidentally similar solutions be turned in, the students involved will be required to submit evidence that their solutions are their own work. Both handwritten evidence and computer files/printouts will be considered. The lack of such documentation will be taken to indicate that the assignment was not your own work. For your own protection (and because it represents good practice), you should save all printouts and other documents used to produce your solutions until after you have received a final grade in the course. Failure to do so is at your own risk.