

CSCI 585 Summer 2015 Course Syllabus

	Instructor	Teaching Assistant
Email	Michael Shindler shindler@usc.edu	Jalal Kazemi kazemita@usc.edu
Office	SAL 204	TBD
Office Hours	TR 9:30 - 10:30 A.M.	TBD

Lecture: TWR 11:00 - 12:25, OHE 120.

Textbook: “Database Systems”, by Coronel/Morris, ISBN:9781305425958

Alternate Textbooks: “Database System Concepts” by Silberschatz, Korth, and Sudarshan ; “Database Systems: The Complete Book” by Garcia-Molina, Ullman, and Widom; “Database Management Systems” by Ramakrishnan and Gehrke

Course Website will be available via D2L: <http://courses.uscden.net> . Course materials will be posted there. Please use that for asking questions regarding the class.

Grading:

Artifact	Weight	Date
Assignments	30%	Various
Exam I	30%	Tuesday July 14 11:00 A.M. - 12:25 P.M.
Final	40%	Tuesday August 11 11:00 A.M. - 12:25 P.M.

Exams

You will be provided with paper on which to take each exam. Exams will be individual effort and closed-book; you will be allowed to use one normal-sized page of handwritten notes. Due to the summer schedule, exam dates cannot be changed due to non-emergency circumstances.

Homework Collaboration and Submissions

Homework is expected to be largely individual effort; you are permitted to discuss the assignment with your instructors and in limited amounts with your classmates. Please refer to the academic honesty guidelines for more details; that document is considered part of the syllabus.

Homework assignments are to be submitted via D2L. If you require an alternate arrangement for turning in homework please send the instructor your request and reason as soon as possible. Homework submitted via any alternate method without prior permission will not be acknowledged.

Students are permitted two late days over the course of the semester, which must be used in integer amounts. If an assignment was due Thursday, and you turn it in Saturday (by the collection time), you will use up both of your late days. Homework will not be accepted beyond the allowed grace period. Regardless of remaining number of late days, homeworks will never be accepted after solutions have been posted: solution post times will always be announced well in advance.

Note that these are meant to replace an otherwise bureaucratic “excused late” policy and are not *in addition to* otherwise excused late days.

Reconsideration: requests for reconsideration of a graded item must be made within one week of our first providing a grade for the artifact and cannot be made on the same day that the item is returned. To request reconsideration, send an email *to the instructor only* during the allowable period and explain which part(s) of your assignment were not satisfactorily graded. Please note that we can only grade what you wrote on your submitted homework or exam, not what you meant to write; that early or late regrade requests will be ignored regardless of their merits; and that disagreement with the rubric does not constitute an error in grading.

Projected Schedule

We reserve the right to modify the schedule as the class progresses. All assigned readings are in the textbook of Coronel and Morris. You are encouraged to read the associated chapter to reinforce topics from lecture in whichever manner you believe best aids your education. If you would prefer to read another database systems textbook, that is fine, although you should be sure to read the same material, not simply the same chapter numbers.

Week	Day	Topic	Reading (C & M)	Other
1	6/10	Introduction	Chapter 1	
	6/11	Data Modeling	Chapter 2	
2	6/16	Relational Model and E-R	Chapters 3 & 4	
	6/17	Relational Algebra (cont.)	Chapters 3 & 4	
	6/18	Basic SQL	Chapter 7	HW1.1 due 6/19
3	6/23	Basic SQL	Chapter 7	
	6/24	Advanced Data Modeling	Chapter 5	
	6/25	Advanced Data Modeling	Chapter 5	HW1 due 6/26
4	6/30	More SQL	Chapter 8	
	7/1	More SQL	Chapter 8	
	7/2	Normalization	Chapter 6	HW2 due 7/3
5	7/7	Normalization	Chapter 6	
	7/8	Database Security	Chapter 15	
	7/9	Database Security	Chapter 15	HW3 due 7/10
6	7/14	Exam I		
	7/15	Transaction Management	Chapter 10	
	7/16	Transaction Management	Chapter 10	
7	7/21	Transaction Management	Chapter 10	
	7/22	Performance Tuning	Chapter 11	$\approx \pi$
	7/23	Performance Tuning	Chapter 11	HW4 due 7/27
8	7/28	Performance Tuning	Chapter 11	
	7/29	Skyline Queries	Paper (to be provided)	
	7/30	Database Freshness	Paper (to be provided)	HW5 due 8/3
9	8/4	Web as information	Paper (to be provided)	
	8/5	Distributed Databases	Chapter 12	
	8/6	Distributed Databases	Chapter 12	HW6 due 8/7
10	8/11	Final Exam		

CSCI 585 Summer 2015 Academic Honesty Guide

It is important to be able to seek out helpful information and collaborate, but it is clearly wrong to pass off work by others as your own. Navigating these two principles can be tricky. To help guide you, follow this principle:

The “Gilligan’s Island” Rule:

You may discuss high-level ideas and give hints to other students regarding how to solve homework problems. However, you should not keep any written record from this discussion. Afterwards, take a 30-minute break and do something unrelated to the course (watching an episode of “Gilligan’s Island,” for example). You may now return to your assignment.

The “Gilligan’s Island” Rule is less an ironclad rule as a guideline. It is a guideline to help you determine what is and is not appropriate collaboration. Flouting the spirit of the Rule while following its letter does not excuse cases of cheating which arise. For example, it is clearly **not** okay to study and memorize your friend’s solution, watch an episode of a television show, and then write out your friend’s answer from memory and submit it.

You are responsible for understanding what is allowed, and what is not. Cheating can and does occur which is neither malicious nor intentional.

We have very observant graders who tend to notice inappropriate collaboration and plagiarism. Follow the above guidelines to make sure you never fall afoul of this.

- **You should never** show your homework assignment to someone else.
- **You should never** seek homework solutions from outside sources.
- **You should never** tell a student specifically how to solve part of a homework problem.

If someone copies your work, both of you are culpable! **Remember: friends that pressure you for unreasonable help are not really friends.** There are plenty of course staff and instructors who are here to help!