

**CSC7-314 Data Management Systems
March/April 2019**

Course Syllabus

Instructor: Professor Tony deLaubenfels

Office: Law 222

Office Hours: 2:30 p.m. – 3:30 p.m. Monday through Friday

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Text: *A First Course in Database Systems, 3E* by Jeffrey D. Ullman and Jennifer Widom, Pearson(2007)

Class meetings: There will be class each morning from 9:30 a.m. until around 11 a.m. in our Law 121 classroom and afternoon class Monday through Thursday from 1:15 p.m. until 2:30 p.m. in the Law 113. On the three exam days, class will begin at 9:00 a.m.

Evaluations: Your grade will be based on your performance on homework and projects, labs, and exams according to the following schedule:

Exam 1	75 points
Exam 2	75 points
Final Exam	100 points
Assignments, Presentations and Projects	70 points
Attendance/assignments	30 points
TOTAL possible	350 points

Exam schedule:

Exam 1 Chapters 1-4

Wednesday, March 27

Exam 2 Chapters 5-9

Friday, April 5

Final Exam Chapter 10 + 12 + topics + comprehensive

Wednesday, April 10

Course objectives:

Upon successful completion in the course students will have

- Experience and developing expertise designing and implementing database systems
- Understanding of the relational and relational-object model and normal forms
- Experience working with DBM systems (especially MySQL)
- Developing software for n-tier systems
- Knowledge of data interchange technology including XML and JSON

This course supports the Educational Priorities and Outcomes of Cornell College with emphases on *knowledge, inquiry, reasoning, and communication*.

Distractions. Other than our classroom computer, no electronic devices (laptop computers, cell phones, pdas, mp3 players) may be used in our classroom while class is in session. Exceptions may be made in special cases, for example if these are used in an accommodation for a disability.

Drop. I follow the college's policy on 15th day drops. i.e. in order to be eligible for a third Friday drop, you must attend class and complete all course work.

Academic Integrity. Cornell College expects all members of the Cornell community to act with academic integrity. An important aspect of academic integrity is respecting the work of others. A student is expected to explicitly acknowledge ideas, claims, observations, or data of others, unless generally known. When a piece of work is submitted for credit, a student is asserting that the submission is her or his work unless there is a citation of a specific source. If there is no appropriate acknowledgment of sources, whether intended or not, this may constitute a violation of the College's requirement for honesty in academic work and may be treated as a case of academic dishonesty. The procedures regarding how the College deals with cases of academic dishonesty appear in *The Compass*, our student handbook, under the heading "Academic Policies – Honesty in Academic Work."

Accommodation. Cornell College makes reasonable accommodations for persons with disabilities. Students should notify the Coordinator of Academic Support and Advising and their course instructor of any disability related accommodations within the first three days of the term for which the accommodations are required, due to the fast pace of the block format. For more information on the documentation required to establish the need for accommodations and the process of requesting the accommodations, see <http://www.cornellcollege.edu/academic-support-and-advising/disabilities/index.shtml>.