

Instructor: John Connor, john.anthony.connor@gmail.com

Course Webpage: <https://csc336.github.io/Fall2019/>

Office Hours: TBD, check course website for updates.

Textbook: *A First Course In Database Design, Third Edition* by Ullman and Widom.

Grading: Quizzes 10%, Homework: 15%, Project: 15%, Midterm: 30%, Final: 30%

Course Outline:

Chapter 1	Week 1
Naive Set Theory Review	Weeks 1 & 2
Chapter 2	Week 3
Chapter 6	Week 4
Chapter 3	Week 5
Chapter 4	Week 6
Review ...	The lecture before the midterm will contain a review.
Midterm	Week 7
Presentations	Week 8
Chapter 7	Week 9
Chapter 8	Week 10
Chapter 9	Week 11
Chapter 10	Week 12
Presentations	Week 13
Review	The final lecture will be a review.
Final Exam	TBD

Course Objectives:

1. Knowledge of entity relationship data model & database design principle based on this modeling concept.
2. Knowledge of relational data model & fundamental meaning of relational algebra.
3. Knowledge of SQL to write out queries & realize data manipulations for relational databases.
4. Knowledge of utilizing major database management systems (e.g., Oracle & MySQL) to populate data instance & develop database-oriented computations.
5. Basic understanding of transaction processing & logical query language.

Academic Integrity: CUNY policy on academic integrity can be found at <http://www1.cuny.edu/facultystaff/provost/upload/academicintegrity.pdf>.

In particular, according to the policy, “Academic Dishonesty is prohibited in The City University of New York and is punishable by penalties, including failing grades, suspension and expulsion”.

Extra Help: Do not hesitate to come to my office during office hours or by appointment to discuss a homework problem or any aspect of the course.