CS 4342 – Database Management
Spring 2017
CRN 28297

Instructor: Dr. Aída Gándara, agandara1@utep.edu, CCSB 3.1014, 915.747.5480
Instructor Office Hours: Monday & Wednesday 3:00 – 3:50pm & 5:30 – 6:30pm
Teaching Assistant: Pinky Sinha, psinha@miners.utep.edu, CCSB G.0512
TA Office Hours: Monday 10:00 – 11:30 am

When contacting instructor or TA, use subject: CS4342-Fall2017

Jeff Hoffer, Ramesh Venkataraman, Heikki Topi.
Pearson, 2016.

Final: Monday, May 8, 4:00 – 6:45 pm

Topics Covered:

1. Introduction to Database Systems
2. Data Analysis & Entity-Relationship Model
3. Database Design, Logical and Relational Model & Physical Database Design
4. Database Development, Relational Algebra/Set Theory & SQL, Application Development
5. Light: Big Data, Data Warehousing, Linked Data

Grading:
Final Exam: 30%
Midterm: 25%
Final Project: 25%
Assignments, group 
and class participation: 20%

Standards of conduct
You are expected to conduct yourself in a professional and courteous manner, as prescribed by the UTEP Standards of Conduct. Graded work (for example, homework or exams), is to be completed independently and should be unmistakably your own work (or, in the case of pair work, your pair’s work). You may not represent as your own work material that is transcribed or copied from another person, book, or any other source, such as a web page. Professors are required to—and will—report academic dishonesty and any other violation of the Standards of Conduct to the Dean of Students.

Academic accommodations
If you have a disability and need classroom accommodations, please contact the Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.