CSCE 5350 – Fundamentals of Database Systems (Spring 2017)

Instructor : Dr. JungHwan Oh, E-mail : Junghwan{dot}Oh{at}unt{dot}edu
Phone : (940) 369-7790, Office : NTRP F274, Office Hours : MoWe 12:30 PM - 2:30 PM.

Class Web : http://www.cse.unt.edu/~jhoh/

Text : Database System Concepts *Sixth Edition* by Avi Silberschatz, Henry F. Korth, and S. Sudarshan

Pre-Requisites : working knowledge of DBMSs.

Class time and Room: MoWe 02:30 PM - 03:50 PM. NTDP B190

Contents : This course will cover the following topics.

- Advanced Relational Database Design
- Storage and File Structure
- Indexing and Hashing
- Query Processing and Optimization
- Application Security
- NOSQL

Grading :

Mid-term Exam	27 %
Final Exam	30 %
Reading Assignments	08 %
Term-Project	18 %
Term-Project Presentation	07 %
Attendance	10 %

- **Reading Assignments** : There will be some reading assignments. Read the given materials, and submit summary report by due date. **No late submission accepted**. The details can be found in the class web page.

- **Term-Project & Presentation** : There will be a term project which includes a survey of a topic that you choose. You need to submit a term paper by the due date. Finally, present your term project in the class. **No late submission accepted**. The details can be found in the class web page.

Policy :

1. **If a student is absent for more than three classes (other than university-approved excuses), he/she will be dropped from the course.**
2. **No make-up exams (before or after) will be given. Equitable arrangements will be made for those with a university-approved excuse.**
3. **The penalty for cheating will be dismissal from the course with failure. No incomplete grade will be given.**
4. **No grading question by email.**
5. **No early exams.**

"The course evaluation is a requirement for all organized classes at UNT. This short survey will be made available to you at the end of the semester, providing you a chance to comment on how this class is taught. I am very interested in the feedback I get from students, as I work to continually improve my teaching. I consider this to be an important part of your participation in this class."

Disabilities Accommodation: The University of North Texas complies with Section 504 of the 1973 Rehabilitation Act and with the Americans with Disabilities Act of 1990. The University of North Texas provides academic adjustments and auxiliary aids to individuals with disabilities, as defined under the law. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring accommodation, please see the instructor and/or contact the Office of Disability Accommodation at 940-565-4323 during the first week of class.