CSC 672: Database System Architecture

Spring 2022, SYLLABUS

BASIC INFORMATION

Instructor: Dr. Lixin Fu
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Class Hours: MW 2:00pm - 3:15pm, Petty 313
Other times: Please send email for appointment
Prerequisite: CSC 671 or equivalent

Text Book: Database System Concepts

[We have online version in Canvass "Files"]

PLEASE READ THE TEXTBOOK CHAPTERS BEFORE CLASS, WRITE DOWN YOUR QUESTIONS OR COMMENTS TO DISCUSS IN CLASS.

COURSE CONTENTS

- Storage and indexing.
- Query processing and optimization.
- Transaction processing.
- Concurrency control.
- Recovery.

A tentative schedule is in "Files"

The slides are in https://www.db-book.com/slides-dir/index.html

GRADING SCHEME

Three Homework assignments (each 10%): 30%

Two quizzes (each 5%): 10%
Test1: 20%
Test2: 20%
Test3: 20%

Homework assignments are due before the class on the due dates. Class attendance is required and participation is greatly encouraged.

ACADEMIC INTEGRITY POLICY

Academic Honor Policy will be strictly enforced. Please refer to https://osrr.uncg.edu/academic-integrity/ for more details. Any infraction(s) will result in failure of the entire course and a reduced grade up to F.