A Farewell to Files and Databases

Final Exam: 12/16 in SN014 from 8am-11am
Open book, open notes, online
~40 questions multiple choice/short answer;
20 covering materials since the last midterm; 20 comprehensive
Problem Set #5 will be released by Monday 12/12
Resolve any PS issues by 12/14
Course Summary

- Relational Model
- Relational Algebra
- Relational Calculus
- Normal Forms

• Structured Query Language
• Integrating Databases & programs
• Triggers and Active databases
• Data description (XML)
• NoSQL (Hadoop)

- Database Indexing
- Query Evaluations
- Query Optimization
- Transactions and Concurrency

Applications
Systems
Foundations