

## Summary

1. Relational algebra (\*)
2. SQL (\*)
3. Database design (E-R design) (p)
4. Relational Normalization Theory
5. Application Design and Development (p)
6. XML
7. Extended Aggregation in SQL
8. Data warehousing and mining
9. Information retrieval

(\*) — we have done in Midterm 1; (p) — will be evaluated through projects

The rest will constitute the *core* of the final exam. However, you might still need to work on SQL (see data warehousing, mining examples).

Some sample tests are given at the classnote website <http://www.cs.nmsu.edu/~tson/classes/fall107-482/classnotes.html>

Note that the notation in some of the tests are different; also, the order of topics might be different in other classes.