Information and Database Management Systems I

CIS 4301

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Preliminaries

- CIS4301 course web page
  http://www.cise.ufl.edu/~mschneid/Teaching/CIS4301_Spring2017/CIS4301_Spring2017.html

- Syllabus available on CIS 4301 course web page

- Apply for an Oracle account as fast as possible.

- In which situation should you ask whom for advice?
  - Lecture, homework, and project questions: me and the TAs
  - Oracle contents questions: TAs
  - Oracle system questions: consult@cise.ufl.edu (system administration)

- My messages to the class are communicated by a class mailing list.

- Some remarks with respect to the class project (contents, team formation, ...).

- Your questions ...
What I expect from you ...

- Read the syllabus.
- Attend the class regularly.
- Study and learn the material presented in the class and in the reference book.
- Learn also explanations and definitions given in mathematical terms.
- Perform well in the exams.
- Do the homework (alone).
- Do the software project (in a team).
- Don’t cheat.
Structure

1. Introduction
2. Database Management: Handling Tables
3. Conceptual Data Modeling
4. Relational Data Model
5. SQL – The Standard for Relational Database Languages
6. Other Relational Database Languages
7. Design Theory for Relational Databases
8. Application Programming
9. Object Relational Databases
10. SQL 3