

Syllabus

Professor

John R. Hubbard
Office: 201 Jepson Hall.
Hours: 2:00-3:30 on Mon & Fri; 4:00-5:00 on Tue & Thu; other times by appointment.
Email: jhubbard@richmond.edu
Vox: 289-8086 (office), 379-0510 (home). Please do not call after 9:00 p.m.

Textbooks

Databases Systems, Second Ed. by Michael Kifer, et al., Addison-Wesley, 2005, 0-321-22838-3.
Oracle 9i Programming: A Primer by Rajshekhar Sunderraman, Addison-Wesley, 2003, 0-321-19498-5.

Schedule

29 Ch. 1: Introduction; Microsoft Access	31 Ch. 2: Relational Databases
5 Ch. 3: The Relational Model; P. 1 due	7 Ch. 3: SQL
12 Oracle SQL*Plus; A. 1 due	14 Ch. 4: E-R Diagramming
17 Ch. 4: UML Design; P. 2 due	21 Ch. 5: Relational Algebra
26 Ch. 5: More SQL; A. 2 due	28 Ch. 6: Functional Dependencies
3 Ch. 6: Normalization	5 Ch. 6: Decomposition
10 Review	12 Midterm Examination on Ch. 1-5
17	19 Oracle JDeveloper
24 Ch. 8: JDBC	26 Ch. 8: SQLJ
31 Ch. 7: Triggers	2 Ch. 9: Physical Data Organization
7 Ch. 9: B-Tree Indexing	9 Ch. 13: Transactions
13 Ch. 13: Transactions	16 Ch. 14 Software Engineering
20 Ch. 14 Software Engineering	22
27 Ch. 17: XML	29 Ch. 17: XML; P. 6 due
5 Review	7 Review
Mon Dec 11 2:00-5:00 p.m. Final Examination	

Homework

Assignments will be given from time-to-time. If you collaborate, list the names of all contributors on the first page and submit only one homework set.

Programming Projects

See the separate handout for details.

Final Grades

Final grade will be computed by the formula:

homework	10 %
projects	20 %
midterm test	30 %
final examination	40 %

Attendance Policy

You are expected to attend and to participate in every class meeting. If you miss a class, you should consult with your professor about how to recover from your absence.

Academic Integrity

The Richmond Honor Council has the following written policy:

All academic work, written or otherwise, submitted by a student to fulfill a course requirement is expected to be the result of the student's own thought, research, or self-expression. A student will have committed plagiarism if the student has reproduced someone else's work without acknowledging its source. Plagiarism is no more and no less a violation of the Honor Code than lying, cheating, or academic theft.

This professor regards this Honor Code as essential to the academic integrity of the university.