

A114 Introduction to Databases

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Fall Semester 2004

Abstract

This is the syllabus for for the Fall 2004 semester of A114 Introduction to Databases. Textbooks, assignments, exams and grading details are provided, as well as contact information for the primary instructor and the AIs. A schedule of office hours will be posted soon.

Schedule of Classes

You are responsible for attending a lecture and two labs every week. The lecture meets Tuesdays and Thursdays between 2:30 and 3:20pm. Labs are scheduled Wednesdays and Fridays at 9:30am (BH108), 11:15am (BH308), and 4:00pm (SE045). The room for the lecture is BH006 during the first week of classes, but changes to SB221 (Student Building 221) for the rest seven weeks. Please note this change of location.

Textbooks

We will cover Chapters 1, 2, 3, 5, and 6 from Concepts of Database Management by Philip Pratt and Joseph Adamski. We will also cover all the projects in Access 2003 lab manual by Shelly, Cashman and Pratt.

Assignments

All assignments are from Pratt and Adamski (the theory book).

	Where	What	When Due
1.	pp. 27-28	Premiere 1-10 Henry 1-12	Sep 8
2.	pp. 63-66	QBE 1-16, Rel. Alg. 1-7, Henry 1-21	Sep 15
3.	pp. 105-107	Premiere 1-16, Henry 1-21	Sep 22
4.	pp. 170-171	Premiere 1-3, Henry 1-4	Oct 6
5.	pp. 223-224	Premiere 1-5, Henry 1-3	Oct 13

The assignments are to be written on paper, by hand, and turned in to the instructor on the day they are due, in lab.

Labs and Lectures

- Week 1 (Aug 31-Sep 3) Lecture meets in BH006, labs in their respective rooms. Lectures cover pp. 2-28 in Pratt and Adamski and part of Homework One in class. Labs cover Project One in lab manual.
- Week 2 (Sep 6-Sep 10) Lecture meets in SB221 (Student Building) from this week on. Lectures cover pp. 30-66 in Pratt and Adamski and part of Homework Two in class. Labs cover Project Two in lab manual.
- Week 3 (Sep 13-Sep 17) Lectures cover pp. 68-107 and part of Homework Three in class. Labs cover Project Three in lab manual.
- Week 4 (Sep 20-Sep 24) Lecture on Tuesday is a midterm review. Lab on Wednesday is a review for the Practical exam. Midterm exam is on Thursday of this week in SB221. Practical exam is in lab on Friday. Both exams are open-book and open-notes and use of computer is allowed.
- Week 5 (Sep 27-Oct 1) Lectures cover pp. 140-171 in Pratt and Adamski and part of Homework Four in class. Labs cover Project Four in the lab manual.
- Week 6 (Oct 4-Oct 8) Lectures cover pp. 174-224 in Pratt and Adamski and part of Homework Five in class. Labs cover Project Five in the lab manual.
- Week 7 (Oct 11-Oct 15) Labs cover Project Six in the lab manual. Lectures wrap up the material presented thus far and review the material for the Final Exam (which is cumulative).
- Week 8 (Oct 18-Oct 22) Tuesday lecture's topic to be determined. Final Exam on Thursday lecture. Labs offer a chance to turn in late assignments if any and to retake the Practical Exam if needed.

Course Website

We'll use OnCourse but a separate course website will be maintained at

<http://www.cs.indiana.edu/classes/a114-dger>

Please check it daily for announcements, schedule of office hours etc. It will be linked in OnCourse for easier access.

Instructors

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