

Syllabus

IFS 106 Information Management Using Databases Winter 2007 term

Our class meets each Tuesday from 4:00 pm to 5:50 pm at 13 Carnegie. Our first class meeting is Tuesday January 2, 2007.

Description

The primary goal of IFS 106 is to introduce students to database technology. We'll be using the Microsoft database product, Access, as a means to accomplish this goal.

Here's the "official" North Central take:

Introduction to database management systems and their use in storing and managing information. Topics include requirements analysis for database table design, selection of appropriate data storage types, referential integrity and data queries. Includes an introduction to security and ethical considerations in databases.

I think that's pretty good, actually. I'll add that this will be a very hands-on course. In other words, you'll learn about databases by creating and manipulating them yourself.

Textbook

The textbook for IFS 106 is:

- "Access 2003: Complete Concepts and Techniques" by Shelly, Cashman, & Pratt, ISBN: 0-619-20040-5

Instructor

My name is Bill Krieger. I am a professor in the Computer Science department here at North Central College in beautiful Naperville, Illinois.

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My office is located at 310D Carnegie.

My office hours are posted in the "My Office Door" page at my North Central web site. You can always email me, and we *will* work out a convenient time for us to meet.

Grades

Your final grade will be comprised of:

- Homework/Lab – 30%
- Project – 10%
- Midterm exam – 30%
- Final exam – 30%

Late work will generally not be accepted without prior approval.

The college rules on academic integrity will be strictly enforced... **plagiarism is a severe offense and will not be tolerated.** It is considered plagiarism if any part of the work you submit has been written by another person. More questions? The North Central College policy is here: <http://www.noctrl.edu/x8303.xml>

The standard North Central grading scale is:

| | | | |
|--------------|--------------|--------------|-------------|
| A 93-100% | B+ 87-89% | C+ 77-79% | D 60-69% |
| A- 90-92% | B 83-86% | C 73-76% | F 0-59% |
| | B- 80-82% | C- 70-72% | |

The Plan

I think that we will cover most of the material in our textbook. This is tentative:

| Week | |
|------|----------------------|
| 1 | Ch 1: Creating a DB |
| 2 | Ch 2: DB Queries |
| 3 | Ch 3: DB maintenance |
| 4 | Review, catch-up |
| 5 | Midterm exam |
| 6 | Ch 4: Reports++ |
| 7 | Ch 5: Forms++ |
| 8 | Ch 6: Pivot tables++ |
| 9 | Review, catch-up |
| 10 | Project time |