Operating Systems
Overview of the Course

Hitoshi Oi

The University of Aizu

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AY2008, 2nd Semester

Basic Course Information

Course Number and Title: F6 Operating Systems

Instructor Hitoshi Oi, `hitoshi©u-aizu.ac.jp`, ext 2580

Office Hours Wed. 1330 to 1630 or by appointment, at 242-C (subject to change).

Textbook "Modern Operating Systems (3rd Edition†)", by Andrew Tanenbaum, Prentice Hall, ISBN-10: 0138134596, ISBN-13:9780138134594.
†You may use the 2nd edition at your own discretion and responsibility.

Web site `http://www.u-aizu.ac.jp/~hitoshi/COURSES/OS08/`

Course Assistant Fumio Nakajima `os08_assistant©oslab.biz`

Grading Schemes and Policies

Information in this slide is subject to change. Keep checking the course web site and notice board.

Grading Scheme

Final Grade = Midterm Exam (30%) + Final Exam (40%)
+ Exercises (30%)

Late Submissions of Exercises No late submission accepted.

Exam Policies Only the textbook and a piece of A4-sized paper can be brought into the exams (currently under revision).

Rough Course Schedule

Today Course Overview and Introduction to the operating systems (Chapter 1).

Next Four to Five Weeks "Processes and threads" and "Deadlocks" (Chapters 2 and 6).

Mid-term Exam

Next Four to Five Weeks "Memory management", "File systems" and "Input and output" (Chapters 3 to 5).

Final Exam

Exercise problems can be either programming assignments or the problems from the textbook/lectures.

Advices on Taking This Course (1)

Textbook As posted on the course notice board, you must have (or at least have ordered) your own copy of the textbook, right ??

Lecture Slides We will use the slides prepared by the author of the textbook (and the modified version of them). The URLs for these slides are available at the course web site. You will need to down load and make a hard copy of the slides corresponding to each lecture.
Last year, the Acroread on the school's computers could not display some fonts correctly.
The instructor cannot be responsible for this font issue. Use of xpdf is recommended (again, do it at your own discretion and responsibility).

Advices on Taking This Course (2)

Class Participation Come to class and ask questions (so you need to be prepared to ask questions). Sit in the front rows.

Use The Instructor Ask question during the class and the office hours as well. You have a right to ask the instructor, like "speak louder", "I cannot read your hand-writings.". But you have to **ask**, nothing is automatic.

You don't get anything if you

sit in the very last rows of the class room

no textbook and don't take notes

come to the lab with nothing in you hand

About The Instructor

- Assistant Professor in the Operating Systems Laboratory
- Areas of research interests:
  - Computer architecture and operating systems
  - Performance evaluation and workload analysis
  - Low-cost high-performance storage systems
  - Virtual machines for wireless sensor network
- Students having interests in the above areas are welcome to join our group. You may come to our group meeting which is scheduled at Wednesday 1800 (tentative).

Extra Slides (1)

Who Studies The Operating Systems ?

Extra Slides (2)

Extra Slides (3)

Don't Expect This

Continue to the lecture slides...