# Operating Systems
# Overview of the Course

**Hitoshi Oi**

**The University of Aizu**

**October 2, 2006**

AY2006, 2nd Semester

# Basic Course Information

**#924 Operating Systems**

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

**Office Hours** TBD or by appointment, at 242-C

**Textbook** "Modern Operating Systems (2nd Edition)", by Modern Operating Systems (2nd Edition)¡/em¿¡/a¿ by Andrew Tanenbaum, Prentice Hall, ISBN: 0-13-092641-8.

**Web site** `http://www.u-aizu.ac.jp/~hitoshi/COURSES/OS06/`

**Course Assistant** Takayuki Hatori, `s1110173@u-aizu.ac.jp`

## Grading Schemes and Policies

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

**Grading Scheme**

$$\begin{aligned}\text{Final Grade} = {} & \text{Midterm Exam } (25\%) + \text{Final Exam } (35\%) \\ & + \text{Exercises } (40\%)\end{aligned}$$

**Late Submissions** Exercise problems must be submitted by the end of the exercise class time in which the problems are given. A late submission is accepted by the end of next week's lecture with a penalty of 50% point reduction.

**Exam Policies** Only the textbook, handouts and hand-written notes can be used during the exams.

# 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 3).

**Mid-term Exam**

**Next Four to Five Weeks** “Memory management”, “Input and output” and “File systems” (Chapters 4 to 6).

**Final Exam**

The exercise problems can be either programming assignments or the problems from the textbook.

## Advices on Taking This Course

**Textbook** Get your own copy and read the corresponding sections.

**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.

**Class Attendance** Come to class and ask questions (so you need to be prepared to ask questions). Attendance will be checked but will be used only for extra credit.

**Use The Instructor** Ask question during the class and the office hours as well.

## About The Instructor

- Assistant Professor in the Operating Systems Laboratory
- Areas of research interests:
  - Computer architecture and operating systems
  - Performance evaluation and workload analysis
  - Microprocessor design
  - VLSI design and verification
- Students having interests in the above areas are welcome to join our group.
- We will start a study group from October 3 (every Tuesday) at 7pm.

Continue to the lecture slides...