Welcome to CIS 415
Operating Systems

Fall 2003
Instructor: Ginnie Lo
GTF: Shanyu Zhao
Website: http://www.cs.uoregon.edu/classes/cis415
Course Topics

• The role of OS as resource manager; as interface between user/pgms and underlying hardware
• Emphasis on principles, algorithms, mechanisms
• Unix case study
Course Goals

• Cover what every CIS graduate should know about OS - fundamentals
• Appreciation of the astounding complexity of the OS - what it does, how it does it
• Hone your problem solving skills, performance analysis, algorithm development
• Enable you to apply what you learn to more complex and future OS
• Stimulate your interest in learning more about OS
Course Structure

• Lecture Class: M and W, 4:00-5:20 in 310 Villard
  Focused lectures, Q/A, exercises, drama, food
  IMPORTANT: Read the slides before class

• Discussion Sections: Fridays
  either 3:00-3:50 or 4:00-4:50 in
  260 Deschutes (Note new location!)
Homeworks, programming assignments, one-on-one problem solving
Course Workload

- Homework/quizzes - 25%
  individual and group problems
  no late assignments, drop lowest grade
- Programming assignments - 25%
  2 individual, one group
- Midterm - 25%
- Final - 25%
Teaching Philosophy

• Maximize your opportunity to perform at your best
• Group learning
• Learning is enjoyable
• High expectations of you as a student
• High expectations of me as teacher
• Feeding you (a great motivator)
Course Materials

• Operating System Concepts, 6th Edition by Silbershatz, Galvin, and Gagne
  ▪ Online lecture slides from the textbook
  ▪ My own lecture slides
  ▪ Handouts
And now the first food item ....

Why an onion???