

Department of Computer Science

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CS505: Distributed Systems

Lecture 1: Class Administration

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This Class

- ▶ **So far: CS603 more in a seminar fashion**
- ▶ **Why “Advanced Topics” if no class on foundations?**
 - CS505 foundation class with a well-defined syllabus
 - CS603 with more variable topics and arrangement
- ▶ **(Early) feedback extremely valuable!**

Course Information

▶ Classes

- MW 4:30-5:45pm

▶ Professor contact info

- Office: LWSN 3154N
- Email: p@cs.purdue.edu

▶ Teaching assistant

- Office: LWSN 3133, S3 lab
- Email: jayaram@cs.purdue.edu
- Office hours: MW 3-4pm

▶ Class webpage

<http://www.cs.purdue.edu/homes/peugster/CS505Spring09/>

Decomposition

- ▶ **Primary (horizontal/time)**
 - I. Basics: Models, definitions, foundations
 - II. Advanced: Concrete problems/solutions
 - III. Hot: Recent topics, projects

- ▶ **Secondary (vertical/space)**
 - A. Concepts
 - B. Systems and programmer support

Written Assignments

- ▶ **2-3 written theoretical assignments**
- ▶ **No late submissions accepted**

Programming Assignments

- ▶ **2-3 programming assignments**
- ▶ **Unix accounts**
 - `turnin`
- ▶ **Programming language Java**

Final Projects

- ▶ **Small research projects**
- ▶ **I will provide default assignments. Feel free to come with own ideas**
- ▶ **Once you identified the project, we will have a lecture in which each team will present the goal of the project**

Grading Policy

▶ Midterm	20%
▶ Final	30%
▶ Assignments	20%
▶ Project	25%
▶ Class participation	5%

Reference Material

▶ Textbooks

- Ken Birman: **Reliable Distributed Systems**
- Sape Mullender: **Distributed Systems**
- Nancy Lynch: **Distributed Algorithms**

▶ Recommended reading

- Research papers will be specified