



# CS 323 Spring 2003

## Operating Systems Design 1320 DCL



### Course Description

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### Course Materials

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### Exam Dates and Rooms:

- Mid-term 2: Monday, 4/21, 7-8pm, DCL 1320 (M-Z) and MSEB 100 (A-L). Cover Chapter 4.4 - 6.6
- Final exam: Saturday, 5/10, 8-11am, DCL 1320 (A-L) and Loomis 141 (M-Z). Cover everything
- Graduate students who would like to take the **OS proficiency exam** to satisfy the core requirement, please attend the final exam.

### Announcements

- **May 8 - Conflict exam: Monday, May 12th, 9am-12pm DCL 2240**
- **May 7** - Unit Project Presentation slides are [here](#).
- **May 7** - Quiz 5 solutions are available [here](#).
- **May 7** - Midterm2 solution: [\[ps\]](#) [\[pdf\]](#); conflict exam solution: [\[ps\]](#) [\[pdf\]](#)
- **May 5** - The midterm2 **regrading period starts today till Sunday** for those of you who did NOT take the conflict exam. Regrading requests submitted after the regrading period will not be granted. Please pick up your exams from the TA's office. Students who took the conflict exam need to wait for further announcement.
- **May 1** - [Summer 2002 final exam](#) is available now for your review pleasure.
- **Apr 29** - If you will take the final exam as a proficiency exam for operating system, you **cannot** take the conflict exam.
- **Apr 29** - Final Exam Conflict Exam signup: please sign-up before **Monday 5/5, 12pm, NOON**. Specify your reason and detailed info such as other exams' course numbers. The conflict exam will be on Monday, depending on room availability.
- **Apr 29** - **Graduate** students 1-unit project: please come to my office hours to discuss the status of your project.
- **Apr 29** - [MP5](#) has been posted. It is due on May 7.
- **Apr 28** - Quiz 5 is available on [Mallard](#)
- **Apr 24** - An extension has been granted for MP4. It is now due at 11:59pm Sunday, April 27. There will be no late handins accepted.
- **Apr 23** - Jeff's office hours have changed. Please see below.
- **Apr 21** - Midterm Conflict Exam: Wed 4/23rd **5:30-6:30pm**, DCL 2501
- **Apr 21** - Midterm2, to avoid confusion, please follow the textbook on disk scheduling algorithms: treat SCAN (elevator) the same as LOOK, and C-SCAN the same as C-LOOK. In other words, all these algorithms do not go to both ends if there are no pending requests on the ends.
- **Apr 15** - Quiz 3 solutions are available [here](#).
- **Apr 14** - Quiz 4 solutions are available [here](#).
- **Apr 14** - A number of students requested solution code for MP2. You can now download the code from [here](#). Use "gunzip -c solution.tar.gz | tar -xvf -" to extract the source files.
- **Apr 14** - Here are the old midterm2 exam solutions from [Fall00](#) and [Summer02](#)
- **Apr 10** - If you need to sign up for conflict exam for Midterm II, please do so before 4/16 Noon unless you have a documented medical emergency. Please give legitimate reasons and documents ( conflict with which class, doctor's notes, coach's notes). This time, if the midterm overlaps with another lecture of yours, your request is not granted.
- **Apr 8** - [MP4](#) has been posted. It is due on Apr. 25.
- **Apr 7** - Quiz 4 is available on [Mallard](#). It is due Friday Apr. 11 at 5pm.
- **Mar 16** - Quiz 3 is available on [Mallard](#). It is due Friday Mar. 21 at 5pm.
- **Mar 16** - Updated standard output for MP3 is available. You can either redownload the entire mp3 source as stated in the handout. Optionally only the test directory is available in ~cs323/mp3/test.tar.gz.
- **Mar 16** - MP1 regrading period starts Monday 3/17 until 3/21 5pm. After 3/21 5pm, no regrading request will be granted.
- **Mar 16** - **Midterm regrading period starts Monday 3/17 until 3/21 5pm**. Please submit your written request to TA during this period. After 3/21 5pm, no regrading request will be granted.
- **Mar 16** - Midterm grades are available in grade-book. Please pick up your midterms from TA's offices (1242DCL).
- **Mar 13** - Midterm solution: [\[ps\]](#) [\[pdf\]](#); conflict exam solution: [\[ps\]](#) [\[pdf\]](#)
- **Mar 12** - **Friday Mar 14th's class is cancelled due to Engineering Open House.**
- **Mar 12** - A tutorial will be held for MP3 3/13 7-9pm in 1310 DCL. Please read the MP3 handout before attending. Slides for the tutorial are available [here](#).
- **Mar 10** - [MP3](#) has been released. It is due April 4th.
- **Mar 6** - Conflict exam room: 1320 DCL.

- **Mar 5** - Quiz 2 answers are available [here](#)
- **Mar 5** - Grades for Quiz 1 and Quiz 2 are in Gradebook
- **Mar 5** - no class on 3/10, Monday
- **Mar 4** - Conflict exam schedule, 3/11, Tuesday 5-6pm. Room will be announced later.
- **Feb 28 - Midterm samples:** [the Fall 1998 midterm 1 solutions](#) and [the Spring 1996 midterm1 solutions](#).
- **Feb. 28** - There was a minor issue within Quiz 2 that MIGHT have affected a few of you. Please see the newsgroup for more details.
- **Feb. 24** - Quiz 2 is available on [Mallard](#). It is due Friday Feb. 28 at 5pm.
- **Feb. 21** - Slides from the MP2 tutorial session are available in PDF format [here](#).
- **Feb. 18** - A tutorial will be held for MP2. Please try to attend either the Wednesday (6:00-7:00pm) or the Thursday (6:30-7:30pm) session. Both will be held in DCL 1310. Please read the MP2 webpage **before** attending.
- **Feb. 17** - [MP2](#) has been released. It is due on March 7.
- **Feb. 10** - There was an error in the original test.5.std file that was distributed for MP1. A new version has been released. It can be obtained from the given tar file or from [here](#).
- **Feb. 10** Quiz 1 answers available [here](#)
- **Feb. 3** Quiz 1 is available on [Mallard](#). It is due Friday Feb. 7 at 5pm.
- **Jan. 27** - [MP1](#) has been posted. It is due on Feb. 14.
- **Jan. 26** - There will be a Nachos tutorial Monday, Jan. 27 at 7pm in 1320 DCL.
- Quiz 0 is available on [Mallard](#). This quiz will not count towards your grade and is due 1/31 at 5PM.
- **First class meets at 9am, Wednesday, 1/22**

## Personnel

Yuanyuan Zhou, Instructor

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**Note:** If you have a general question to email the TAs, please email [ta323@cs.uiuc.edu](mailto:ta323@cs.uiuc.edu). This will go to all three of the TAs and should decrease the response time for your email.

Jeffrey Carlyle, TA

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Alexander Kramnik, TA

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## Grades

- [Grading Policy](#)
- [GradeBook](#)

## Resources



### Nachos Documentation

- Slides from Spring 2003 Nachos Tutorial [\[PowerPoint\]](#) [\[HTML\]](#) [\[PDF\]](#)
- Slides from Fall 2002 Nachos Tutorial [\[PowerPoint\]](#) [\[HTML\]](#) [\[PostScript\]](#) [\[PDF\]](#)
- Slides from Spring 2002 Nachos Tutorial [\[PowerPoint\]](#) [\[HTML\]](#)
- Slides from Fall 2001 Nachos Tutorial [\[PowerPoint\]](#) [\[HTML\]](#)
- Slides from Spring 1999 Nachos Tutorial [\[PowerPoint\]](#)

- Slides from older Nachos Tutorial session [[compressed postscript](#)] [[PDF](#)]
- An overview of Nachos, from Univ of California at Berkeley [[compressed postscript](#)] [[PDF](#)]
- A comprehensive road map for Nachos, from Duke University [[compressed postscript version](#)] [[PDF](#)] [[html version](#)]
- An Introduction to Programming with Threads [[compressed postscript](#)] [[PDF](#)]
- A guide to reading Nachos source code, from Univ of Chicago [[html](#)]
- A guide to Nachos Internals, from Oregon Graduate Institute [[html](#)]



#### **Other on-line resources**

- [On-line textbook for the Globewide Network Academy's Introduction to C++ \(slow link\)](#)
- [FAQ Lists about C++ \(slow link\)](#)
- [Newsgroup comp.lang.c++](#)
- [Java Getting Started](#)
- [GSview](#) - For viewing compressed postscript file.
- [Information about Computer Science Instructional Labs](#)



#### **Miscellany**

- [Java related links](#)
- GDB Quick Reference [[postscript](#)] [[PDF](#)]
- Mesa vs Hoare Conditions [[compressed postscript](#)]

*Updated: Apr. 8, 2003*