

CSE 421
Introduction to Algorithms
Fall 2010
Course Introduction

Outline

- Course administration
- Stable Marriage Problem

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Instructors

- Instructor
 - Richard Ladner
 - ladner@cs.washington.edu
 - 206 543-9347
 - Office Hours 2:30 – 3:00 MWF or by appointment
- TAs
 - Daniel Perelman
 - perelman@cs.washington.edu
 - Office hours: TBA
 - Malik Bouchet
 - malikb2@cs.washington.edu

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Resources

- CSE 421 Course Web Page
 - <http://www.cs.washington.edu/421>
- Text Book
 - Algorithm Design by Kleinberg and Tardos
- E-mail list
 - For information from instructors
- Message Board
 - For discussion
 - <https://catalyst.uw.edu/qopost/board/ladner/18087/>

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Engagement by Students

- Weekly Assignments from the text
 - Algorithm design and evaluation
- In-class activities

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Midterm and Final Exam and Grading

- Midterm
 - Friday, November 5, 2010
- Final
 - Monday, December 13, 2010, 2:30-4:20pm
- Grading
 - Weekly assignments (50%)
 - Midterm Exam (20%)
 - Final Exam (30%)

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Some Topics

- Graph Algorithms
- Greedy Algorithms
- Divide and Conquer
- Dynamic Programming
- Network Flow
- NP-Completeness and Intractability

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Reading

- Chapters 1

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Travel

- Unfortunately, I have a lot of travel this quarter
 - Friday, October 8
 - Wednesday, Friday, October 13,15
 - Monday, October 25
 - Monday, November 15
- Daniel Perelman will teach in my absence

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