CS 281
Prof. Alex Pothen
Webbook:
www.cs.odu.edu/~webbook
www.cs.odu.edu/~pothen/Courses/CS281
Wed Dec 2, REVIEW
Wed Dec 2, 1998
Lecture 26
REVIEW
Mon Aug 31, 1998
Lecture 1
Error-Correcting Codes
Wed Sep 2, 1998
Lecture 2
Sec 1.1, 1.2 Logic
Wed Sep 9, 1998
Lecture 3
Sec 1.3 Predicates
Mon Sep 14, 1998
Lecture 4
Sec 1.3 Predicates
Wed Sep 16, 1998

Lecture 5

Sec 2.1 Algorithms, App. 2
Mon Sep 21, 1998
Lecture 6
Running Times of Algorithms
Sec. 2.2 and 1.8
Mon Sep 23, 1998
Lecture 7
Running Times of Algorithms
Sec. 1.8, App. 1
Mon Sep 28, 1998
Lecture 8
Running Times of Algorithms
Sec. 1.8, Logarithms
Next Lecture: Sec 3.2, Iteration
Wed Sep 30, 1998
Lecture 9
Running Times of Algorithms
Sec 3.2, Iteration
Next Lecture: Sec 3.2 Induction
Mon Oct 5, 1998
Lecture 10
Sec 3.2, Iteration, Induction
Next Lecture: Sec. 3.2 Induction
Wed Oct 7, 1998
Lecture 11
Sec. 3.2 Induction
Next Lecture: Review
Mon Oct 19, 1998
Lecture 14
(Lecture 12—Review
Lecture 13—Midterm 1)
Sec. 3.2 Induction, Sec 3.5
Program Correctness
Next Lecture: Recursive Algorithms
Wed Oct 21, 1998

Lecture 15

Sec. 3.2 Induction, Sec 3.5

Program Correctness

Next Lecture: Sec 3.4 Recursive Algorithms
Mon Oct 26, 1998

Lecture 16

Sec 3.5 Program Correctness
Sec 3.4 Recursive Algorithms

Next Lecture: Sec 3.3 Recursive Definitions
Sec 3.4 Recursive Algorithms
Wed Oct 28, 1998
Lecture 17
Sec 3.3 Recursive Definitions
Sec 3.4 Recursive Algorithms
Next Lecture: 3.3 Recursive Definitions
Mon Nov 2, 1998

Lecture 18

Sec 3.4 Recursive Algorithms
Sec 2.4 Euclidean Algorithm

Next Lecture: Sec 6.1 Relations
(Background: Sec 1.4, 1.5 Sets)
Wed Nov 4, 1998
Lecture 19
Sec 6.1 Relations
(Background: Sec 1.4, 1.5 Sets)
Next Lecture:
Sec 6.4 Operations on Relations
Mon Nov 9, 1998
Lecture 20
6.1, 6.2 Relations
6.4 Operations on Relations
Next Lecture: 6.5 Equivalence Relations
6.6 Partial Orders
Wed Nov 11, 1998

Lecture 21

6.4 Operations on Relations
6.5 Equivalence Relations
6.6 Partial Orders
Lec 22 Mon Nov 16 REVIEW
Lec 23 Wed Nov 28 MIDTERM II
Mon Nov 23, 1998
Lecture 24
7.1, 7.2 Graphs
7.4 Connectivity
8.5 Spanning Trees
8.6 Minimum Spanning Trees
Mon Nov 30, 1998

Lecture 25

7.6 Shortest paths

Dijkstra's algorithm
In Conclusion...

- You have been a wonderful class. Thanks for your involvement in the class. You have worked hard on this course, while carrying other responsibilities. Do well on the final! Your course grade will reflect your effort.
Some Career Advice

- The right goal for a career is to impact the way computer / computational science is done.

- Choosing good problems, projects, experiments, communicating results: taste is critical. Acquired by experience.

- Seek out feedback from colleagues, experts.

- Make sure that someone cares about the problem you plan to solve.

- Cultivate high standards, but not perfectionism that is afraid to attempt something.

- Above all, be honest, fair, and dependable.
A Grook

The road to wisdom?
Well, it’s plain
And simple to express:
It’s err
And err
And err again,
But less,
And less,
And less.

Piet Hein, Grooks