

CS 367 - Introduction to Data Structures

Tuesday, April 5, 2016

Midterm Exam 2

- Tuesday, April 12, 5:00 pm – 7:00 pm
- Lec 1: room 272 of [Bascom Hall](#)
- Lec 2: room 1351 of [Chemistry Building](#)
- Lec 3: room 6210 of [Social Sciences Building](#)
- UW ID required
- See posted exam information

Homework 8 due 10 pm Friday, April 8th

Program 4 due 10 pm Sunday, April 17th

Last Time

Classifying Binary Trees

Balanced Search Trees

Red-Black Trees

- tree properties
- print, lookup
- insert

Today

Red-Black Trees (from last time)

- insert

ADTs/Data Structures Revisited

Graphs

Next Time

Read: continue *Graphs*

Graphs

- terminology
- implementation
- edge representations

ADTs/Data Structures

Linear

- predecessors: at most 1
- successors: at most 1

Hierarchical

- predecessors: at most 1
- successors: 0 or more - general tree, at most two - binary tree

Graphical

- predecessors:
- successors: