

## 6.006 Fall 2011

Thu 8 Sep 2011

All day PS1 out

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

11am L1: Intro I - Algorithmic Thinking

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Tue 13 Sep 2011

11am L2: Intro II - Python Data Structures and Cost Model

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Thu 15 Sep 2011

All day PS1 due, PS1b out, PS2 out

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

11am L3: Sorting I - Insertion Sort, Merge Sort

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Tue 20 Sep 2011

All day PS1b due

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

11am L4: Sorting II - Heaps and Heap Sort

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Wed 21 Sep 2011

All day Student Holiday (No Recitation)

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Thu 22 Sep 2011

11am L5: Sorting III - Binary Search Trees, BST Sort

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Tue 27 Sep 2011

All day PS2 due, PS2b out

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

11am L6: Sorting IV - AVL Trees, AVL Sort

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

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Thu 29 Sep 2011

All day PS2b due, PS3 out

Calendar: 6.006 Fall 2011  
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11am L7: Sorting V - Counting Sort, Radix Sort, Lower Bounds for Sorting

Calendar: 6.006 Fall 2011  
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Tue 4 Oct 2011

11am L8: Hashing I - Hashing with Chaining

Calendar: 6.006 Fall 2011  
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Thu 6 Oct 2011

All day PS3 due, PS4 out

Calendar: 6.006 Fall 2011  
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11am L9: Hashing II - Open Addressing

Calendar: 6.006 Fall 2011  
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Fri 7 Oct 2011

All day PS3b due

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Tue 11 Oct 2011

All day Columbus Day -- Holiday

Calendar: 6.006 Fall 2011  
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Thu 13 Oct 2011

11am L10: Hashing III - Preview of Advanced Hashing

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Fri 14 Oct 2011

All day PS4 due

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Tue 18 Oct 2011

7:30pm Quiz 1 (No Lecture)

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

## 6.006 Fall 2011

Thu 20 Oct 2011

All day PS4b due

Calendar: 6.006 Fall 2011  
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11am L11: Numerics I - Integer Arithmetic, Karatsuba Multiplication

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Mon 24 Oct 2011

All day PS5 out

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Tue 25 Oct 2011

11am L12: Numerics II - Square Roots, Newton's Method

Calendar: 6.006 Fall 2011  
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Thu 27 Oct 2011

11am L13: Graphs I - Breadth-First Search (BFS)

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Mon 31 Oct 2011

All day PS5 due, PS6 out

Calendar: 6.006 Fall 2011  
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Tue 1 Nov 2011

11am L14: Graphs II - Depth-First Search (DFS), Topological Sorting

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Thu 3 Nov 2011

All day PS5b due

Calendar: 6.006 Fall 2011  
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11am L15: Shortest Paths I - Single-Source Shortest Paths Problem

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Tue 8 Nov 2011

11am L16: Shortest Paths II - Dijkstra

Calendar: 6.006 Fall 2011  
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## 6.006 Fall 2011

Thu 10 Nov 2011

11am L17: Shortest Paths III - Bellman-Ford

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Fri 11 Nov 2011

All day Veterans Day (No Recitation)

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Tue 15 Nov 2011

All day PS6 due

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

11am L18: Shortest Paths IV - Speeding up Dijkstra

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Thu 17 Nov 2011

7:30pm Quiz 2 (No Lecture)

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Tue 22 Nov 2011

All day PS6b due, PS7 out

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

11am L19: Dynamic Programming I

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Wed 23 Nov 2011

All day Drop Date

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Thu 24 Nov 2011

All day Thanksgiving Vacation

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

Fri 25 Nov 2011

All day Thanksgiving Vacation

Calendar: 6.006 Fall 2011  
Created by: Yafim Landa

## 6.006 Fall 2011

**Tue 29 Nov 2011**

**11am L20: Dynamic Programming II**

**Calendar:** 6.006 Fall 2011  
**Created by:** Yafim Landa

**Thu 1 Dec 2011**

**11am L21: Dynamic Programming III**

**Calendar:** 6.006 Fall 2011  
**Created by:** Yafim Landa

**Tue 6 Dec 2011**

**All day PS7 due**

**Calendar:** 6.006 Fall 2011  
**Created by:** Yafim Landa

**11am L22: Dynamic Programming IV**

**Calendar:** 6.006 Fall 2011  
**Created by:** Yafim Landa

**Thu 8 Dec 2011**

**All day PS7b due**

**Calendar:** 6.006 Fall 2011  
**Created by:** Yafim Landa

**11am L23: Intro to Complexity Theory**

**Calendar:** 6.006 Fall 2011  
**Created by:** Yafim Landa

**Tue 13 Dec 2011**

**11am L24: Algorithms Research Topics**

**Calendar:** 6.006 Fall 2011  
**Created by:** Yafim Landa

**Fri 16 Dec 2011**

**1:30pm 6.006 Final Exam**

**Where:** Johnson  
**Calendar:** 6.006 Fall 2011  
**Created by:** Yafim Landa