

AP Computer Science Course Schedule

Date	Section	Problems Due	DONE
Mon - 1/30/12	Lesson 1 – Hello World	1/31	
Tue – 1/31/12	Lesson 2 – Variable Types	2/1	
Wed – 2/1/12	Lesson 3 – Simple String Operations	2/2	
Thu – 2/2/12	Lesson 4 – Using Numeric Variables	2/6	
Fri – 2/3/12	No Classes , Lesson 5 – Mixed Data Types, Casting and Constants	2/6	
Mon -2/6/12	Lesson 6 – Math Class Methods	2/7	
Tue – 2/7/12	Lesson 7 – Input from the Keyboard	2/8	
Wed -2/8/12	Lesson 8 – boolean Type and Operations	2/9	
Thu -2/9/12	Lesson 9 – “if” statement	2/10	
Fri – 2/10/12	Lesson 10 – The “switch” statement and char	2/14	
Mon –2/13/12	No Classes , Lesson 11 – The “for” Loop	2/14	
Tue – 2/14/12	Lesson 12 – while and do-while loops	2/15	
Wed -2/15/12	Lesson 13 – ASCII and more on char	2/16	
Thu -2/16/12	Lesson 14 – Binary, Hex and Octal	2/17	
Fri – 2/17/12	Lesson 15 – Classes and Objects	2/21	
Mon –2/20/12	No Classes , Lesson 16 – More on Classes and Objects	2/21	
Tue – 2/21/12	Lesson 17 – Advanced String Methods	2/22	
Wed -2/22/12	Lesson 18 – Arrays	2/23	
Thu -2/23/12	Lesson 19 – Advanced Array Concepts	2/24	
Fri – 2/24/12	Lesson 20 – Static Methods and State Variables	2/27	
Mon -2/27/12	Lesson 21 – Wrapper Class	2/28	
Tue – 2/28/12	Lesson 22 – More on Wrapper Classes	2/29	
Wed -2/29/12	Lesson 27 – Formatting (rounding off)	3/1	
Thu -3/1/12	Lesson 28 – Bitwise operators	3/2	
Fri – 3/2/12	Lesson 29 – Advanced Bitwise Operations	3/6	
Mon –3/5/12	No Classes , Lesson 30 – Random Numbers	3/6	
Tue – 3/6/12	Lesson 31 – StringBuffer Class	3/7	
Wed -3/7/12	Lesson 32 – Boolean Algebra and DeMorgan’s Theorem	3/8	
Thu -3/8/12	Lesson 33 – Selection Operator	3/9	
Fri – 3/9/12	Lesson 34 – Passing by Value and by Reference	3/12	
Mon -3/12/12	Lesson 35 – Two-Dimensional Arrays	3/13	
Tue – 3/13/12	Lesson 36 – Inheritance	3/14	
Wed -3/14/12	Lesson 37 – Exceptions	3/15	
Thu -3/15/12	Lesson 38 – Interfaces	3/16	
Fri – 3/16/12	Lesson 40 – Recursion	3/19	
Mon -3/19/12	Lesson 41 – Sorting Routines	3/20	
Tue – 3/20/12	Lesson 42 – List Interfaces	3/21	

Wed -3/21/12	Lesson 43 – ArrayList	3/22	
Thu -3/22/12	Lesson 44 – Iterator / ListIterator	3/23	
Fri – 3/23/12	Lesson 45 – Comparable / Comparator	3/26	
Mon -3/26/12	Lesson 46 – HashSet / TreeSet	3/27	
Tue – 3/27/12	Lesson 47 HashMap / TreeMap	3/28	
Wed -3/28/12	Lesson 48 – Flow Charts & Optimizing For Speed	3/29	
Thu -3/29/12	Lesson 49 – Singly Linked List	3/30	
Fri – 3/30/12	Lesson 50 – The LinkedList Class (doubly linked) and Stacks	4/9	
Spring Break!!	April 2 – April 6th , Lessons 51 and 52 – Binary Search AND Binary Search Trees	Spring Break!! 4/9	
Mon -4/9/12	Lesson 53 – Queues	4/10	
Tue – 4/10/12	Lesson 54 – Inner Classes	4/11	
Wed -4/11/12	Lesson 55 – Heaps	4/12	
Thu -4/12/12	Lesson 56 – Priority Queues	4/16	
Fri – 4/13/12	No Classes		

After Lesson 56 we will:

- Review Golden Nuggets of Wisdom #1 – 30
- Go Through AP CS Barron’s Book Reviewing for AP Test

No Class:

Thu – 4/19/12

Tue – 4/24/12

Wed – 4/25/12

Tue – 5/8/12 AP Computer Science A TEST