

AP COMPUTER SCIENCE A PLANNER

Fall 2017

WEEK	DATE	Inheritance	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1	28-Aug-17	Fundamentals	-----	-----	1. http://thecubscientist.com 2. What is Computer Science? 3. Installing BlueJ 4. MyFirstApp.java	-----	1. Repetition - "for" loops/"while" loops 2. Decision Making statements "if" and "if-else" statements 3. Relational operators
2	4-Sep-17	Fundamentals	LABOR DAY	1. Math.random() 2. Boolean operators (&& and) 3. Arrays	-----	LAB TIME	-----
3	11-Sep-17	Fundamentals	LAB TIME	LAB TIME	-----	HW SET 1 PROGRAMS DUE (FUNDAMENTALS)	-----
4	18-Sep-17	Class Design	HW 2 Example Class Design - "The Big Three" (Class Song) - Instance variables - Constructors (zero / multi-argument) - toString() method	-----	Class Design Song Example	-----	LAB TIME
5	25-Sep-17	Class Design	**** TEST 1 **** Loops Decision Making Statements Arrays	-----	LAB TIME	-----	LAB TIME
6	2-Oct-17	Class Design	LAB TIME	-----	LAB TIME	-----	HW SET 2 PROGRAMS DUE (CLASS DESIGN)
7	9-Oct-17	Class Methods	HW 3 Example Upgrading the Song Class - Constructors with Arrays - Getters/Setters - Algorithmic Methods ("The	-----	SCHOOL TESTING DAY	P3B Briefing	-----
8	16-Oct-17	Class Methods	-----	LAB TIME P3B	LAB TIME P3C	-----	Quiz 2 - "The Big 3" LAB TIME P3D
9	23-Oct-17	Class Methods	-----	LAB TIME P3E	LAB TIME P3F P3G	-----	HW SET 3 PROGRAMS DUE P3H
10	30-Oct-17	Class Composition	-----	TEST 2 REVIEW	-----	**** TEST 2 **** Class Design - Arrays - Methods	HW 4 Example (Class Composition) MyPhone - Arrays of Songs - ArrayLists of Songs - for-each loop
11	6-Nov-17	Class Composition	-----	LAB TIME P4B P4C	-----	LAB TIME P4D	-----
12	13-Nov-17	Class Composition	LAB TIME P4E	LAB TIME P4F	-----	KAIROS HW SET 4 DUE	-----
13	20-Nov-17	Inheritance	Inheritance, Abstract Classes, and Interface Example	-----	Inheritance, Abstract Classes, and Interface Example	THANKSGIVING	THANKSGIVING
14	27-Nov-17	Inheritance	-----	Inheritance, Abstract Classes, and Interface Example	-----	**** Quiz 4 **** Class Composition (Arrays & ArrayLists)	**** TEST 4 **** Class Composition (Arrays & ArrayLists)
13	4-Dec-17	Inheritance	-----	LAB TIME P5A	-----	LAB TIME P5B Project Lottery Selection	-----
14	11-Dec-17	Inheritance	LAB TIME P5C	P5D Project Proposal I Due HOMEWORK PROGRAMS DUE	-----	**** TEST 5 (FINAL) **** Inheritance	-----
15	18-Dec-17	Final Exams	SENIOR FINALS	SENIOR FINALS	SENIOR FINALS	-----	-----