

# Advanced Placement Computer Science

## Unit 12 – Arrays, ArrayLists

Each unit, you will have an assignment that includes some reading, some questions from the reading, called Review Exercises, and between one and three programming exercises.

### Calendar of Meeting Places for January/February

17	18 <u>Holiday</u> Martin Luther King Jr. Day	19	20 <u>Lab</u> Complete Unit 10 Programs	21	22 <u>Class/Lab</u> Lesson 12.1 Introduction to Arrays/ArrayLists and Start Gradebook Program	23
24	25	26 <u>Class/Lab</u> Lesson 12.2 Traversing Arrays/ArrayLists and Gradebook Program	27 <u>Asynchronous Wednesday</u> Work on Array 1 CodingBat & AP Classroom Assignment	28	29 <u>Class</u> Array Examples Gradebook Program	30
31	1	2 <u>Lab</u> AP Classroom FRQ 2 Gradebook Program	3 <u>Asynchronous Wednesday</u> Work on Array 1 CodingBat & AP Classroom Assignment	4	5 <u>Lab</u> Gradebook Program	6
	8 <u>Holiday</u>	9	10 <u>Lab</u> Complete Gradebook Program Set up Blackjack	11	12 <u>Lab</u> Blackjack	13

Assignment Type	Description
Reading	Java Methods – Chapter 12
Homework Exercises	<u>Programming</u> JavaBat Programming Assignments Please see JavaBat schedule for due dates

### Program 1 – A Gradebook Program for Teachers

Starting this project, you will be downloading a “zip” file and extracting the files. I have provided a step-by-step process to do this on your Chromebook.

This gradebook program uses the total points method of grading. Each file has a good description of what you are supposed to do.

**Challenge** *(if you are shooting for an A in this class)*

**No Challenge Assignment for this unit. If you complete your work you may do extra CodingBats**