Class Syllabus – CS 10A
Santa Rosa Junior College || FA19

Instructor: **Allen Zhao**, azhao@santarosa.edu
Lecture/Lab: MW 6pm – 9pm, Maggini 2806
Office Hours: W 4:30pm – 6pm, Maggini 2942

Course Description:

CS 10A is an introductory course on programming in C++. Students will learn how to design, write, and debug code for various applications in problem solving and automation. Students are expected to have basic computer knowledge, but no prior knowledge in computer science is assumed. Students are recommended to have an understanding of math equivalent to Algebra II (i.e. MATH 155 at SRJC). There is no standard programming tool used in this class, but the JC labs will support the use of Code Blocks and Visual Studio, and the instructor will teach programming using a Linux Terminal shell and the GCC/G++ compiler. Students are encouraged to use the tool they are most comfortable with.

All course material will either be handed out in class or posted to the class Canvas site. A textbook will be provided to students via Canvas:

> **Starting Out with C++: From Control Structures to Objects (9th Edition)** by Tony Gaddis
> Class content will be pulled from Chapters 1-7 of the text. Additional topics may be covered.

Class Rubric:

Homework – 30%
> These are programming assignments to be submitted online. Assigned weekly.

Lab Assignments – 30%
> These are guided programming assignments to be completed during lab time weekly.

Worksheets – 10%
> These are handouts for practicing computer science topics. Six worksheets total.

Midterm – 15%
> One midterm exam.

Final – 15%
> A final exam.

Late assignments will be deducted 10% of the max score from the student's score for every 24-hour period past the original due date as specified on Canvas. After 48 hours past the original due date, the assignment is deemed missing. Missing assignments can be resubmitted for up to 50% credit returned. All assignments can be submitted online through Canvas. Worksheets may be submitted in class. Assignment extensions can be requested from the instructor if given probable cause.

Attendance Policy:

Attendance will not be taken for this class. Students are responsible for their own learning and can leave freely without consulting the instructor should any personal issues arise. Students are also responsible for handling their drop status in the class after the initial census period.