Class Syllabus – CS 10A
Santa Rosa Junior College || SP19

Instructor: **Allen Zhao**
azhao@santarosa.edu
Lecture: M 5pm – 8pm, Maggini 2913
Lab: W 5pm – 8pm, Maggini 2806
No physical office on campus
Any unused class time will be dedicated to office hours

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 going into the class, but no prior knowledge in computer science is assumed. While there is no hard prerequisite to this class, students are recommended to have at least 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 Basic, 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.

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 theory. Assigned occasionally.

Midterm – 15%
> One midterm exam.

Final – 15%
> A final exam.

Late assignments will be deducted 10% of the assignment max score from the student's score for every 24-hour period past the original due date as specified on Canvas.

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.