# Class Syllabus – CS 10A
## Santa Rosa Junior College || SP20

Instructor: **Allen Zhao**, azhao@santarosa.edu
Lecture: Mon. 5pm – 8pm, Maggini 2913
Lab: Wed. 5pm – 8pm, Maggini 2806
Office Hours: Wed. 3:30pm – 5pm, Maggini 2942

**Course Description and Requirements:**

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%
> Programming assignments to be submitted online. Extra credit will occasionally be available.

Lab Assignments – 30%
> These are guided programming assignments to be completed during lab time weekly. Instructor can check off these assignments in class to automatically grant the student full score.

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

Midterm – 15%
> One midterm exam to be held in the middle of the semester.

Final – 15%
> A final exam to be held on the date as posted on the SRJC website.

**Online Class and Submitting Assignments:**

All course content for this class will be posted online via Canvas. This includes lecture slides, assignments, resources, and solutions. Solutions to assignments will be posted online usually within one or two days after the late submission period (see below) passes, usually over the weekend. All assignments can be submitted online through Canvas, where the on-time and late deadlines will also be posted. Homework assignments must be submitted online. Lab assignments that have not been checked off in class can also be submitted online. Worksheets can be submitted either online or in class. For both labs and worksheets, in-class submission is encouraged to receive additional feedback from instructor.

**Assignment Extensions and Excused Work:**

Assignment deadlines will be extended in the event of unforeseen circumstances such as blackouts or instructor absence. Students may also request deadline extensions from the professor if given probable cause, such as illness, accidents, or hospital stays. Assignments can be excused entirely on a case-by-case basis via direct request to the instructor over email if given probable cause, such as illness or family emergencies. No official documentation is required unless explicitly requested by the instructor.

**Late Work Policy:**

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. For example, on a 10-point assignment due Wednesday night, the score will automatically lose one point if turned in any time on Thursday, and two points if turned in any time on Friday. After 48 hours past the original due date, the assignment is deemed missing, and can no longer be submitted via Canvas.

**Missing Work Policy:**

Missing assignments are any assignments that are not submitted within the assignment's availability window as seen on Canvas. Missing assignments can be resubmitted to the instructor via email for up to 50% credit returned. Students are requested to submit one assignment's worth of files per email sent. There are no limits to how many times the student may utilize this policy. The only deadline on this policy is that all submissions must be made before the day of the Final. Extra credit assignments are not eligible for returned credit via the Missing Work Policy.

**Attendance Policy and Student Expectations:**

Attendance will not be taken for this class. Students are responsible for their own learning and can leave freely at any time 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. Students are encouraged to engage with other students both during class time and online via the Canvas Discussion forums outside class hours. Students are to treat each other with common courtesy and respect. Students are also encouraged to ask the instructor any questions in class and over email, especially if it concerns compiling errors. Students with special needs can request accommodations as long as they have an official ADA letter specifying their needs.

**Letter Grade Policy:**

The grading rubric as shown on the previous page is used to calculate the student's raw score. Grading curves will be applied to both exams, and a third curve will be applied to the student's overall grades should the class average fall below 80%. Class letter grades as seen on Canvas are only a rough estimate of the student's current grade and are by no means accurate. The final letter grade seen on Canvas is not necessarily the final letter grade given to the student on their transcript. Letter grades will never go down as a result of the curves. For students using P/NP, P is defined as any grade equal to C- or above, and NP is defined as anything below C-.