



Computer Science II (Data Structures) CSC 1061 (4 credits) - Fall 2024

Continue your CS journey after CSC 1060 or AP CS A



Schedule

Fit the class in whenever it works for you! The format is online and asynchronous, which means no class meetings to run to. Weekly deadlines will keep you on track.



Community

This section of the course is open only to Boulder Valley students, so it's a great way to expand your CS network outside of your school. You get to interact with your classmates through the course learning system.



Support

Jon Cihlar, CS teacher at Monarch HS, and the course instructor is available to help you by email or Google Meet!

What will you learn?

Stacks, Queues, Hashes, Trees, Graphs, oh my! In this course, you level up your programming skills by adding a variety of data structures and algorithms to your toolkit. You will formally study their efficiency in terms of running time and space. You will also build experience putting together larger software projects using these tools. This course is a major milestone in one's Computer Science education, and the range of problems you can solve becomes so much wider afterward.

How will I learn?

You will learn by doing. The instructor will demo these new tools, explain situations (use cases) where they are useful, and then you will put them to use in small and large projects. Every skill you learn has a real-world application.

What credit do I earn?

You earn 4 credits for CSC 1061 at Front Range Community College. This credit can be used toward a CS degree at Front Range, or it can easily transfer to other CS programs in the state of Colorado.

Who is the instructor?

Jon Cihlar is the Computer Science teacher at Monarch High School and will lead this course. He has taught Computer Science and other subjects since 2014. Before coming to teaching, he was a full stack software developer and manager for a medium-sized company.