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

Continue your CS journey after CSC 1060 or AP CS A

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 HS, and the course instructor is available to help you by email or Google Meet!