

# Course Overview

## Applied Data Structures and Algorithms

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- Broad Overview at the Masters level of Algorithms and Data Structures
- Lectures are recorded  
You will read in advance, watch videos
- In class you will program hands-on alone and in pairs
- You will be writing a lot of code in a workshop-environment



- Analysis of Complexity
- Learn to read code and determine its asymptotic complexity



# Prerequisite Knowledge

- You need to know C++ well
- Know a programming environment already
- Be able to write programs and debug them



# How to Know if you are Ready?

There are resources to help you decide if you are ready for ECE573

- General Questions about my courses? Please read the FAQ:  
<https://bit.ly/3xUcbEH>
- The syllabus:
- Videos of past semesters: (sorry not available)

