# Welcome to CS 150 – Summer Session 2023

In about a month, on June 12 (or 13 if you signed up for the Tuesday section), we'll have our first meeting for the Summer Session of CS A150, C++ Programming I, here on campus at Orange Coast College. I'm Professor Stephen Gilbert, and I'll be teaching the class. The syllabus is already posted online so you can get a head start:
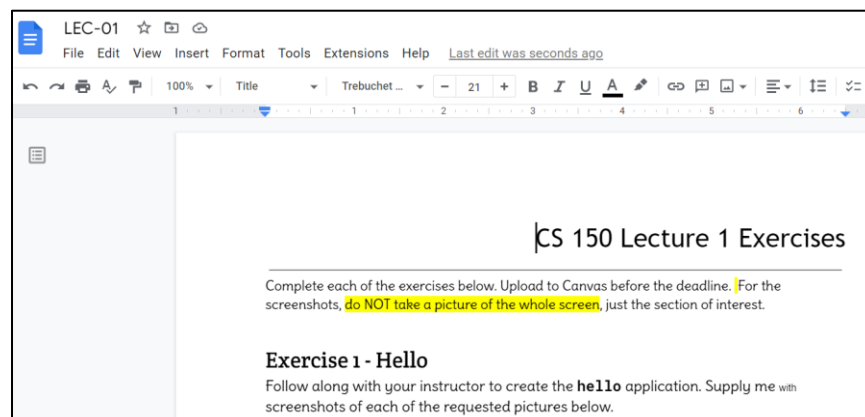
https://www.occ-cs.com/cs150su23/

# The Hybrid Format

The Summer Session compresses the regular 16-week course into 8 weeks (actually 7 weeks since the Final Exam is on the first day of Week 8). To accommodate the schedules of the most students, we are offering the class in a hybrid format where you come to class once a week (on Mondays or Tuesdays, from 1-5) for a short preview, and for proctored exams. You will complete the rest of the material online using the Canvas Learning Management System.
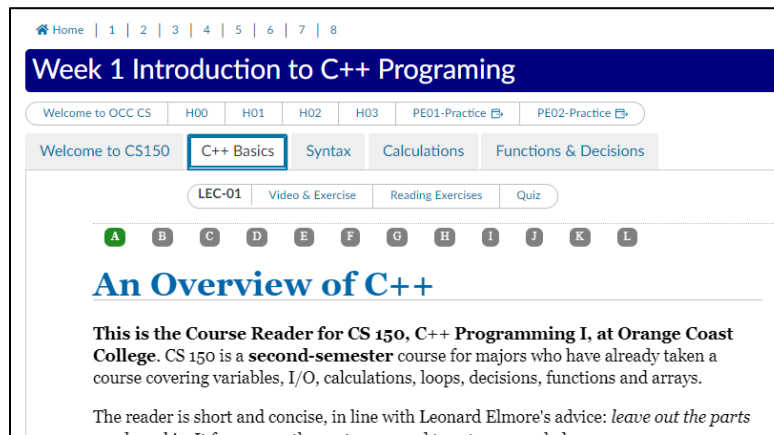
On the days when we don't meet in person, you will watch a prerecorded lecture (usually around an hour)...
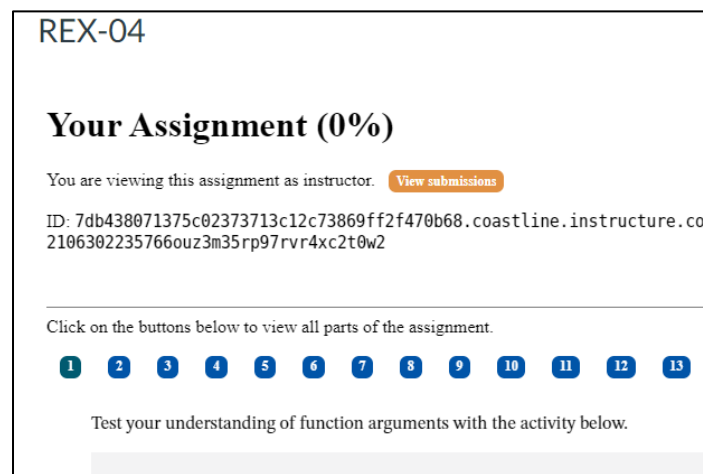


...complete and submit a set of in-class programming exercises along with the pre-recorded lecture...
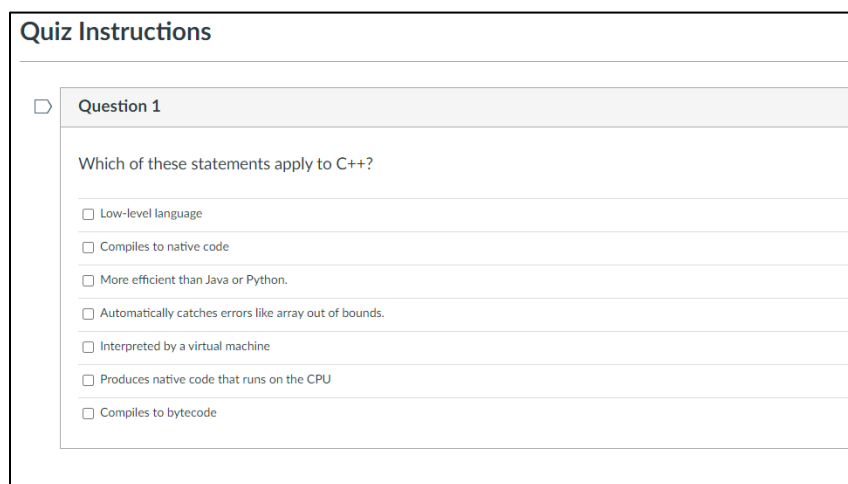
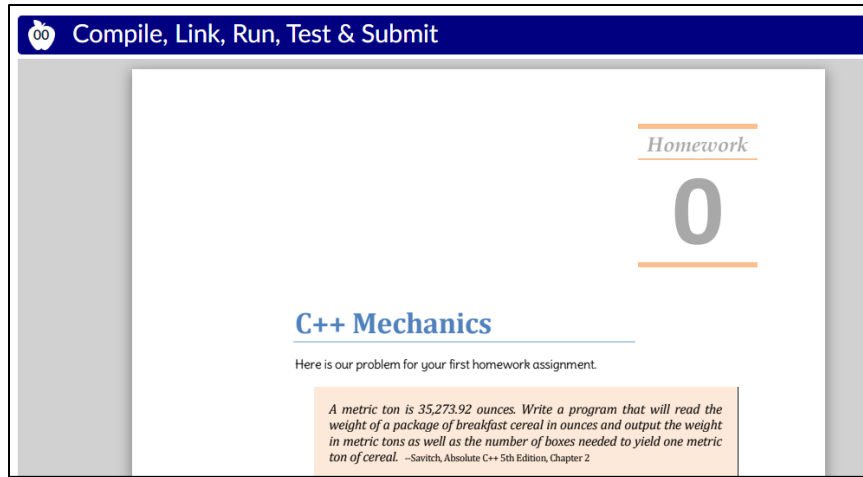... read a chapter in the CS 150 Course Reader...



...complete a set of automatically graded reading exercises (inside Canvas) along with the reading...



...take a reading quiz (which help you prepare for the exams, but won't be graded) ...



... and complete one or more homework assignments using the online Codespaces IDE.

Compile, Link, Run, Test & Submit

*Homework*

**0**

**C++ Mechanics**

Here is our problem for your first homework assignment.

*A metric ton is 35,273.92 ounces. Write a program that will read the weight of a package of breakfast cereal in ounces and output the weight in metric tons as well as the number of boxes needed to yield one metric ton of cereal.* --Savitch, Absolute C++ 5th Edition, Chapter 2

Completing this material will require a little more than **6 hours a day** (plus the four hours you'll spend on-campus on Mondays). To allow the maximum flexibility in your schedule, I have set the deadlines for the course activities at **1 pm on Monday (or Tuesday)**, rather than having daily deadlines. In addition, of course, you must attend all of the in-person class meetings where you will take the proctored exams in this class. The **Canvas** classroom will be open **once the semester begins**.

## Get an Early Start

For those of you **who want to work ahead**, you can get your GitHub account created, and configure the online Visual Studio Code IDE (called Codespaces) before the summer term begins. That way you won't be so rushed when class starts. Follow the instructions below. For those who want to wait, we'll complete this during the first meeting.

- [CS 150 Setup for Summer 2023 - Instructions](#)

If you want to read ahead in the Course Reader (which you'll normally do in Canvas), there is a copy on the Web at the following link:

- [CS 150 Course Reader for Summer 2023](#)

I look forward to meeting you in June.

--Steve