

CST8101: Lab 1 (4%)

This assignment relates to the following Course Learning Requirements:

CLR 5: Describe the architecture and processing of hardware and software functional components of a computer.

Objective of this Assignment:

In this exercise, you will be identifying the components and features of your PC / Laptop. This will help you to understand the limitations of your particular machine as well as its strengths and weaknesses.

Assignment Tasks:

Basic System Information:

Access your **Control Panel**. In the top right corner of the Control Panel window you should see a drop down box titled **View By**: Select Small Icons in this drop down box. This will show you a more detailed view of the Control Panel. You should be able to see an icon labeled System. Double-click the System icon and then record the following info from the System Properties window that appears.

Fill out the following Information:

Make and Model	
Operating System and Type (i.e., Windows, macOS, Linux)	
Operating System Version	
Processor Type and Speed	
Number of Processor Cores	
Installed Memory (RAM)	
Computer Name	

Access the file browser; in Windows this is usually titled **File Explorer**. From your file browser, look for Computer or This PC, which will bring you to a window showing the storage available to this system.

Record the following information from all storage devices available to your laptop:

Storage Type(s)	
Storage Capacity	
Optical Drive (Yes/No)	

If you have an optical drive; what type is it? If you look at the outside of your optical drive, you may be able to see what type of optical drive you have from the label.

Record the following information about your laptop.

Hint: You may also want to look at the manufacturer's web page for your specific model of laptop and examine the specifications page.

Optical Drive Type	
USB Ports (how many and type)	
Separate Graphics Card: (Yes/No)	
Screen Size	
What are the options to connect to an external display? (e.g., TV, projector, additional monitor)	
What are the Network connection options available? (e.g., wired/Wi-Fi)	
Miscellaneous items/features that your laptop has but are not listed above:	
Final Thoughts: What do you like about it?	
Final Thoughts: What do you dislike about it?	

Summary of Lab Tasks:

1. Fill out all the above information about your computer/Laptop and answer all the questions mentioned above.
2. If you have macOS, the appearance will be slightly different but the hardware/OS components are more or less same.
3. Your lab is to be submitted in MS WORD format. It should be submitted with the following **Lab submission guidelines**:
 - On the header have the course code and course name, the lab number, your student ID, your name, the instructor's name, and the date the lab is submitted.
 - The submitted doc file should be named as YourLastName_algonquinUserID_L01.doc

Lab Grading Rubric (out of 40)

Lab Structure (Submission guidelines properly followed)	/10
Lab Submission (all the (i) information and (ii) questions provided/attempted.	/30
Total Points	/40
Comments	