



LON-CAPA at John Abbott College Student Help Sheet

<http://loncapa.johnabbott.qc.ca>

Microsoft account

LON-CAPA uses your Microsoft account for logging in. If you can log into MS Teams, your account is set up and functioning.

To log in, navigate to the link above and enter your login as follows.

- Make user the domain is listed as johnabbott
- Your username: your student ID# (do not include @johnabbott.net, just the ID #)

- Your password: the same password as you use to log into Teams

Your Microsoft account password may not be the same as your Omnivox password. Don't confuse the two!

Note: if you store your passwords in a password manager, be aware that the address above takes you to one of several servers: curie.johnabbott.qc.ca, galileo.johnabbott.qc.ca, kepler.johnabbott.qc.ca. If you update your Microsoft password, make sure that you change the entries for all of these servers.

Common problems

- Using you Omnivox, rather than Microsoft password
- Including @johnabbott.net in you username (just use your ID#)
- (Rarely) A problem logging into LON-CAPA sometimes occurs if your Microsoft account password contains accented letters or other extended characters. If that's the case, you'll need to change your Microsoft password.

Finding your homework

Use the “Course Contents” link at the top of any LON-CAPA window to open the navigation screen (Figure 2).

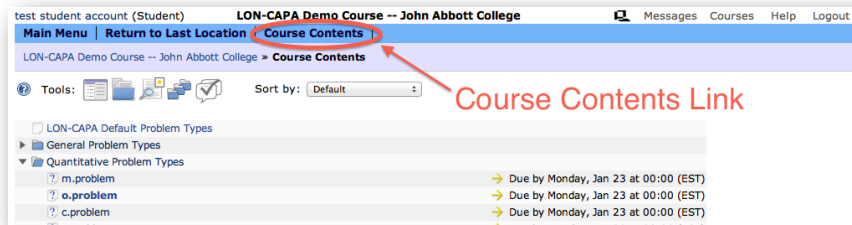


Figure 2: The Course Contents link

Submitting your answers

You must click the “Submit” button for every question you answer. Each “Submit” button represents one LON-CAPA question, even if there is more than one answer to enter. For a question to be graded correct, all of the answers associated with that “Submit” button must be correct.

The example in Figure 3 is a 2-part problem (2 submit buttons). Each one of these counts as a question.

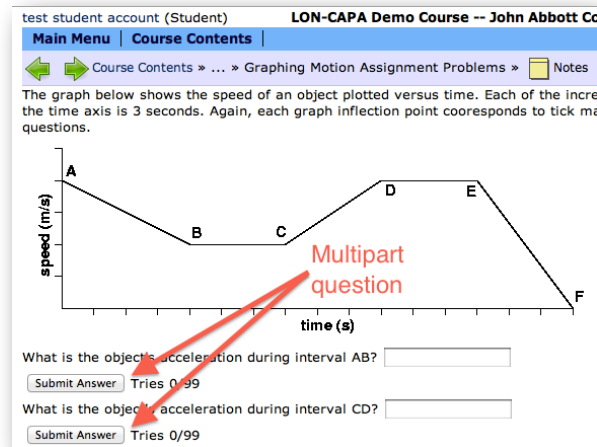


Figure 3: Multi-part problem

Responses to your submissions

You will receive one of several messages from the server once you've submitted your answer.

• **Submission not graded. Use (fewer/more) digits.**

This means you've used too many, or too few, significant figures to represent your answer. This does not count as a "try". Adjust the number of significant figures (best to use scientific notation) and re-submit your answer.

• **Units required.**

This means that LON-CAPA is expecting your answer to have units, but it doesn't recognize any units in your response. If you're unsure of how to use units, you can click on the

• **Incompatible units. No conversion found between "(some unit)" and the required units.**

This means you've entered units that don't correspond to what's being asked. For example, you would see this message if you enter kg (kilogram) when you're asked for a length. This does not count as a "try".

• **Incorrect**

Your answer had the right units and acceptable significant figures but was wrong. No points are awarded, and this counts as a "try". The error could be big (as in you've not correctly understood the question) or it could be small (rounding error has pushed you outside the range of accepted values – typically within 5% of the correct answer)

Review your calculation and try again if you have tries available. If you can't get it to work, review your work with members of the class or with your teacher.

• **You are correct**
Your receipt no. is 162-2487

Pretty self-explanatory. Your answer was within the accepted range and had correct units. It also means you've been awarded the point value for the problem. Good job!

Be sure to record your receipt number as it's your record of successful completion of the problem.

Using Scientific Notation

Scientific notation is very useful because the number of significant figures is represented unambiguously.

To enter a number represented by scientific notation, use the “E” notation, where EN stands for “ $\times 10^N$ ” (this will be a familiar notation if you’ve used graphing calculators). Some examples:

Number	Enter as
1.0×10^7	1e+07
1.03×10^{-3}	1.03e-03
10000 to 3 sig. figs.	1e+04

An important point about decimal representation.

The decimal point must be entered as a “.” (period). Using a comma will confuse LON-CAPA (it will think that you’re entering a vector) and you may be marked “Incorrect” for an otherwise acceptable answer.

Getting Help with a Question

Your teacher will explain what types of communication are considered acceptable. At the bottom of the page, you’ll notice links for “Post Discussion” and “Send Message”

Post Discussion

Every question in LON-CAPA has the capability to serve as a discussion board. If your teacher allows it, this feature can be used to ask your classmates for guidance. When answering someone else’s question, be sure to give hints, not complete solutions. Please note that abusing the system (e.g., exchanging answers rather than procedural hints, using rude or abusive language) will result in you being banned from the discussion posts and possibly LON-CAPA at the discretion of your teacher.

Send Message

This is for sending a message directly to your teacher. Some teachers will accept messages sent via the LON-CAPA interface, others will not. It is your responsibility to know whether or not your teacher will reply to such messages. Replies will be sent to your LON-CAPA messaging box, available from the Main Menu.