EECS3342 (Section E) Fall 2026
Guide to Written Test 2

When: Wednesday, November 18 (during your enrolled lab session)	
Where: LAS 1002/1002B	
Duration: 50 minutes	
LAB01/LAB02	LAB03/LAB04
13:30 to 14:20	14:30 to 15:20

Chen-Wei Wang

- You **must** take the written test **in-person**: any remote attempt will be marked zero automatically.
- All questions will be answered on the Section E eClass site.
- You will be **solely** responsible for any **loss of time or marks** due to any of the following failing:
  - You have a working EECS account to login into a WSC lab machine.
  - You have a working PPY account to login into the eClass site (subject to Duo Mobile verification).

  You are expected to have verified that you are able to complete the EECS and PPY logins prior to the test. Just find a time gap in LAS1002 and visit there to try your logins.
- This written test is **strictly** individual: identified collaborations will be reported to Lassonde for **a breach of academic honesty**.
- You are given **50 minutes** to complete the submission. The time limit is **strict**.
- This written test accounts for 15% of your course grade.
- Unlike the assignments (and the later programming tests), there will be **no** starter project for you to download and import.

1 Rules

- Upon your arrival, please wait **outside** the lab rooms. Once the rooms are set up for the test, you will be allowed for entry.
- You may **only** bring to your seat:
  - **A valid photo ID** (e.g., YU card, driver license, health card, passport)
    Without a valid photo ID upon checks, you will be denied to continue with the test.
  - Stationary (e.g., pen, pencil, eraser)
  - Sketch paper (blank on both sides).
    You will be asked to return the sketch paper at the end of the test.
  - Water bottle
  - Mobile device (for Duo Mobile verification only)
    During the test, always put the device face-down.
- All other personal belongings should be placed in front of the lab room.

- Once seated, login into a lab machine (using your EECS account). You will then see a labtest starter page which supplies the URL link for an eClass quizz (which require your PPY login):
  - Click on the second URL link to compete the actual written test.
  - This is a **closed-book** test: use of any internet resources or notes is forbidden.
  - You are **forbidden** to use the Rodin IDE during the test.
- In principle, there will be **no** questions allowed during the test.
  - TAs will **not** answer questions.
  - If really necessary, Jackie will respond to your question, but you may just be advised to read the question(s) again more carefully.

2 Format

- There might be multiple-choice questions:
  - A true or false question
  - A question with a **single** correct answer
  - A question with **multiple** correct answers

    e.g., Say you are given 5 answers for the question: 2 of them are correct (and 3 of them are incorrect). Accordingly, for each correct answer you choose will receive a credit of $\frac{100\%}{2} = 50\%$, whereas for each incorrect answer you choose will receive a penalty of $\frac{-100\%}{3} = -33.3\%$.

    Say you chose one correct answer and one incorrect answer, then you would receive $50\% + (-33.3\%) = 16.7\%$ of the full marks. Also, the minimum mark you can receive is 0 (e.g., when you chose one correct answer and two incorrect answers).

    This mechanism is to ensure that one cannot just receive full/high marks by simply choosing (almost) all answers.
- There might be written questions requiring you to, e.g.,:
  - Write texts justifying modelling decisions.
  - Write the valid ASCII characters for mathematical constructs (e.g., `where_is: Employee +-> Location`).

3 Coverage of the Test

– Materials (slides, iPad notes, proofs, recordings) related to the following lectures will be covered:

- The Bridge Controller (starting from Slide 2) [Pdf]
- The test will cover up to and including what's covered in class on **Thursday, November 12**.
- The sets of inference rules covered in class will be made available to you (as PDFs) during the test. (But you'll need to determine which ones are relevant for applications.)

– The celebrity problem

- Lab2
- Lab3

You may be expected to mathematical expressions in valid ASCII Rodin syntax. If this is the case, the Event-B summary PDF document will be made available to you during the test.

4 Example Questions

– Example questions have been made available on the Section E eClass site (under the `Written Tests` section).

  You can attempt these questions for as many times as you wish, but the submission will be **closed** a couple of hours before the actual test starts.

– Please understand that these questions are:

  - meant for familiarizing yourself with the **format** and **workflow** of the test;
  - **not** meant to cover **all** topics required by the actual test (you are expected to study **all** materials as listed in Section 3); and
  - on the easier side (in the actual test, there will be harder questions testing your understanding of the materials).