

LEARNING DIARY 1 (max 3 pages)
ELEC-E9210 – Organic Electronics (Fall 2022)

Your name: _____

Date/Week: _____

How long did it take you to write the learning diary this week? _____ h

- *What did I learn? How is what I learned linked to what I have learned before in other classes?*
- *Was there some vocabulary that was not familiar to me? If yes, can you provide example(s)?*
- *Was it there something I did not understand? Why I did not understand (for example, explanation not clear, missing concepts or tools to understand, totally new concept, etc.?)*
- *Is what I am learning relevant to other things I have studied or that I plan to study in the future? What is the connection?*
- *Would you suggest anything done differently?*
- *If I think about this week classes (recorded lecture, slides, in-class activities, etc.), is there something which I have found very helpful in understanding concepts and/or mechanisms? Or on the opposite, did I find something extremely difficult which was not helping my learning?*
- *Any comments on the class?*

(You do not need to answer all the above questions)

Pick two of the following topics discussed in class and briefly describe them in your own word (please choose a topic different from the one that you have discussed in class. You can share examples, when relevant, to support the description:

- *What is the HOMO and LUMO in organic materials?*
- *Small molecule vs. polymers: properties and differences*
- *Why is morphology important?*
- *AFM vs STM: working mechanism and differences*
- *Jablonski diagram: details about absorption and light emission*
- *What is an exciton? what is its dynamics?*
- *Charge transport in organic materials? (Role of disorders)*
- *What is mobility? How can I measure it?*