

# SCH 4U - 2020-05-13 (Wednesday)

**From:** Fred Schlenker <fred\_schlenker@bwdsb.on.ca>

**Date:** Wed, 13 May 2020 13:10:19 +0000 (2020-05-13 09:10:19 AM)

Good Morning All:

Please Check In: <https://forms.office.com/Pages/ResponsePage.aspx?id=GAmPRLReCU2WCd35yhGvQsuodiaVPQJHoMguHaAhWSBURTc5U0E3WIdFSIMxREE1MIhBWU41ODBSRiQIQCN0PWcu>

I almost made another video for you, but thought you could figure this out on your own. The goal: complete the last section of the ISU! I am giving you two days for this. To make your lives easier, here is the info you need.

The assignment: <http://www.schlenkerchem.org/4U/ISU%20REDOX%20WEB/part%204%20assign%20-%20electrochemical%20cells.pdf>

Helpful Website: [https://chem.libretexts.org/Bookshelves/Analytical\\_Chemistry/Supplemental\\_Modules\\_\(Analytical\\_Chemistry\)/Electrochemistry/Voltaic\\_Cells/Electrochemical\\_Cell\\_Conventions](https://chem.libretexts.org/Bookshelves/Analytical_Chemistry/Supplemental_Modules_(Analytical_Chemistry)/Electrochemistry/Voltaic_Cells/Electrochemical_Cell_Conventions)

Pages 695 to 700 in the text go through this as well. If you want to have a deeper understanding of redox reactions, you could consider reading the entire chapter #9. There is mention of the Nernst Equation on page #707, which you would need for the bonus question.

I hope you take some pride in the fact that at this point it is possible to understand how the battery in your phone works, or any other battery as well. When you consider the amount of chemistry that you need to study and master to make this happen, you should gain a solid sense of the progress you have made. I know that the evaluation loop is a bit different under our current circumstances. Evaluation aside, the knowledge that you have is what really matters!

Have a great day. I will ask for a check in tomorrow. Responses to that sort of thing is one of the things I would base a reference on. It is like being on time for class and having your homework done, or at least a reasonable attempt on your homework!

Mr. Schlenker

(O) This message and/or attachment is intended for the sole use of the individual to which it is addressed and may contain information that is privileged and confidential. If the reader of this message is not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any dissemination of this communication is strictly prohibited. If you have received this communication in error, please notify me immediately and delete the message and any attachments from your system