**Available Resources**

If you want to learn more about how to think about reflection process and how to write one, visit the online resources that are created for this purpose. <https://ecampusontario.pressbooks.pub/engineeringreflectiontoolkit/>

Course Learning Outcomes that will be focused upon for the reflection assignments:

1. Apply specialized engineering-based knowledge to identify, formulate, analyse and solve complex open-ended engineering problems related to materials or materials processing design in manufacturing or engineering services;
2. Select and apply appropriate analytical techniques, resources and modern engineering tools to the solution of open-ended problems with an understanding of their associated limitations;

**As you respond to the prompts below, please remember that your responses must be related to the intended learning outcomes listed above.**

* In three to five sentences, identify and describe ONE critical incident, breakthrough or big thought-provoking moment that has occurred as a result of applying your engineering-based knowledge to your capstone project in **this Winter Term.** If you wish, you may discuss this incident as related to the plan for Winter term that you generated in the second reflection.
  + *When did this experience take place? Where did it take place? What actions did I take? How did I feel during these experiences?*

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| Please enter your response here. |

* In three to five sentences, discuss what you learned from this incident that either surprised you, made you confront a misconception, or improved your understanding of the application of engineering-based knowledge.
  + *In what specific ways is my understanding of the material and the experience the same and in what specific ways are they different? What are the possible reasons for the differences? How might I have done things differently?*

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* In two to three sentences, discuss how you will integrate this new insight into your engineering practice and apply it as an engineering professional in your future experiences.
  + I learned that... (Express and important learning, not a statement of fact)
  + This learning matters because... (Consider how this learning has value to you as an engineer)
  + Considering this learning, I will... (Set specific, assessable goals; consider benefits and challenges involved in this plan)

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