

# **PGE 392K – Reservoir Simulation**

## **HW 1**

**Due Thursday, Sept 17**

### **HOMEWORK SUBMISSION GUIDELINES**

**An automated workflow is utilized in the grading process which requires following the instructions below to the letter:**

1. Upload all items below to canvas in a single .zip (not .rar or other extensions) named (Your Last Name, Your First Name). The content of the main (zipped) folder should be as follows:
  1. Homework Powerpoint Template (**HW 1 Solution Template.pptx**). Only fill the pptx file and **DO NOT** modify it by adding more items or more slides.
  2. a PDF file of additional items to submit written notes, things you wanted to add to the ppt file but couldn't due to space and specification considerations (**HW 1 Additional.pdf**)
  3. a PDF file of scanned signed cover sheet (**HW 1 Cover Sheet.pdf**)
  4. A folder that contains all your other files (**HW 1 Files**).
2. Notes on filling the PowerPoint solution template:
  1. Do not paste more than what is required. For example, if you are asked for one plot, do not paste two. Where you are asked to fill your name, only do that (Last Name, First Name)
  2. Do not add or remove slides. Also do not add extra lines (such as adding a line for UT EID below your name). And do not add text box or image/ table/ content box.
  3. Use a reasonable number of significant figures.
  4. Wherever you are asked to submit screenshots, use your judgment to decide which parts of your code are the most important and take screenshots of that. Make sure that you only paste pictures in the provided space. (maximum 2 pics per slides). **DO NOT** add more slides or paste outside the provided space.
3. Notes on the content of the homework files folder:
  1. You do not need to compress this folder separately. Just compress the main folder
  2. The codes should be clearly labelled (ex Q1A, Q2B.. etc) and they should run. Make sure that you have everything needed to run the codes. You should test it before you send it.

#### **4. Upload a PDF of this cover sheet after signing the waiver below:**

**I verify that I have completed this homework on my own accord. I have not used homework solutions from a previous semester of 392K. If I worked in a group, I contributed my share and I am confident I could re-do the homework entirely on my own. By signing my name, I verify that these statements are true and if it is found that they are not true, it may result in a severe penalty (F in the course and reported to Dean of Judicial Affairs)**

Signature M.A.S.

Printed Name Mohammad Afzal Shadab

EID ms82697