

PT Activities - 2017

Skills for Engineering (MAE4008-B)

Medical & Healthcare Technology Stage one - Project 1

Title: Cell Culture Technique and Urine Analysis

Week	PT Date	Lab sessions / Assessment	PT Activities
1	-----	-----	Induction week (Richmond G21)
2	29/09/2017	-----	Basic introduction to personal tutor session
3	06/10/2017	Group C1 Group U8	Presentation Skills: (basic intro to PowerPoint and/or Prezi). Task 1: Prepare a group multimedia presentation which introduces each member of the group – name, background, interests etc. (helps us get to know our tutees at an early stage)
4	13/10/2017	Group C2 Group U1	Deliver Task 1 and provide feedback
5	20/10/2017	Group C3 Group U2	Report writing skills Task 2: Ask students to write the abstract and conclusions for a fairly basic level report. In this case a simple Haemocytometer report attached and students need to take a hard copy of this report and write a basic abstract and conclusion. Personal tutor does not need to teach students how haemocytometer works as students will learn this technique in the lab. Students will use Task 2 to become familiar with report writing and they will do some cell counting calculations at the end of task 2.
6	27/10/2017	Group C4 Group U3	Go through Task 2 and provide feedback
7	03/11/2017	Group C5 Group U4	Basic lab skills: Introduce at a basic level concepts of measurement errors, error handling and statistics. Task 3: Students need to create a graph of mean data and error bars from a data set (standard sigma/root, etc).
8	10/11/2017	Group C6 Group U5	Review Task 3 and provide feedback
9	17/11/2017	Group C7 Group U6	Project management skills: Discuss with students how to manage their time during the next 3 years of their course in order to manage their exams, coursework, etc. Task 4: By week 10 all students will complete their lab work. Please pass a hard copy of Task 4 to your students and ask them to use their own collected data (from practical work) and complete the calculations provided in task sheet.
10	24/11/2017	Group C8 Group U7	Review Task 4 Wrap up session/presentation practice/feedback
11	01/12/2017	Group Presentation & Individual Report Submission	
12	-----	-----	-----
13	-----	-----	-----

Group C: Cell Culture Technique

Group U: Urinalysis

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