Describe what you like and dislike about the mode of learning in E214 so far.

**Reflection Journal 2/11/2017**

The classroom is an uncertain place. Every day we students face many decisions in class about potential risks and benefits, large and small, ranging from what we want to include in our slides to how we are individually coping with the pace of the lesson and what is being taught at the same time. And to add to the confusion, unlikely things, such as more diligent and intelligent students “carrying” their teammates, happen all the time. Fortunately help is at hand as the first thing I really like about the mode of learning in this module is that even though statistics is something that every individual must understand on their own, the lesson package makes it more interactive and at the same time, it has allowed me to learn common mistakes from my peers.

In definition, statistics is the preparation, collection, organisation and interpretation of data, the raw material of science. The current mode of learning has allowed me to understand that data is the key ingredient of any scientific approach to discovering the truth. The team assignments have helped opened my eyes to see that statistics touches everything, whether it's engineering, math, communication or business. As a result, I have become better at organising data and information effectively for daily assignments for my other modules. I like the mode of learning mostly because we get to experiment situations and handle our own projects where we collect data and define measurements to calculate statistics. I believe this is an invaluable experience as in the future, I will already have the basic experience to apply what I learnt as compared to other students from other institutions who only know how to apply these statistical methods during exams.

During today’s lesson, I have also faced some challenges in class. I feel that the in-class mode of learning has led to the mathematical training of myself being unprepared for dealing with abstractions in general. This is because for new concepts which I have not touched before, I have very little understanding of basic principles. For example, earlier today I was not sure what should be done and what should not be done for certain applications of formulae. Even though I can fully understand what is being taught, I feel that it is too straightforward. One thing I feel that can help me is if I know the “Don’t do’s” for the different types of statistical methods. This will allow me to tackle the “advanced” questions more efficiently for the new concepts I will be learning. In A113, when I made critical learning mistakes in my worksheet, I was given tips on the “Don’t do’s”. During those 6P briefings, there would be certain slides indicating what types of formulae should not be used even though certain questions may sound similar.

**In conclusion, I will continue to strive to work harder so that I can improve in all the areas that I am lacking in. I am enjoying the current mode of learning, but I feel that the language and format for the questions in the IS slides can be closer to the ones in the worksheet particularly for the intermediate and advanced sections.**

Thank You and Have a Nice Day! :)