

# *Certificate in Health 2009 - Mathematics Course Outline and Assessment Schedule*

## *Aim of course:*

To equip students with a basic level of mathematical knowledge sufficient to begin Tertiary study in Health Science.

**Lecturer:** Michelle Liu

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Office hours: to be arranged

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**Timetables and Classroom:** Check your timetable for detail.

**Computer and Tutorial sessions:** to be arranged

## *Course Coverage:*

### **1. Unit One - Number**

The purpose of this introductory unit on number is to either reinforce ideas that may have faded into the background or, alternatively, introduce the basic number system.

### **2. Measurement unit – Basics**

The skills that involve measurement are varied and included both theoretical and practical skills. It is important that both skills are mastered for application in technique setting.

### **3. Measurement unit – Health applications**

It is essential in Health Science to understand the measuring skills and apply them accurately in a “real” environment.

### **4. Introduction - Statistics**

Familiarise with simple statistical parameters. By the end of the course, you should be able to use appropriate statistical methods to design an experiment and deliver the result. Calculator and computer programme will be introduced to assist with some complex calculation.

## *Assessment:*

Your final grade is made up of:

<b>20%</b>	<b>Assignments</b>	<b>20%</b>	<b>Project</b>
<b>20%</b>	<b>Test</b>	<b>40%</b>	<b>Exam</b>

Each of the **Assignment** worth 10%

**Test 1** will be held on week 14. It covers the material from the first half of the semester. Outlines will be provided two weeks prior the test.

Topic of the **Project** will be given in March. It is due on week 23.

End of term **exam** is a 2 hours written examination. It covers all material from the semester.