MATH1050/7050 MID-SEMESTER EXAM
SEMESTER 1, 2010
Friday 23 April (Week 7)

5 minutes perusal & 90 minutes working time

- **You will need to bring your student card.**
- **You will need to know your tutorial number.**
- **You may use an approved non-programmable/non-graphical calculator *with an EAIT sticker on it.* You can get your calculator approved at the EAIT Faculty Office in Building 50 (Hawken), Monday-Friday 11am-3pm.**

Content: Chapters 1, 2 & 3

There will be two parts to the exam: Part A and Part B.

Part A will consist of approximately 18 multiple-choice questions. Each correct answer is worth 1 mark; each incorrect answer is worth 0 marks. See previous years' mid-semester and final exams (on the website) for the types of questions you could be asked. Note that previous years' mid-semester exams contained matrices and vectors questions. These topics will NOT be examined in this year's mid-semester exam. Functions and differentiation replace matrices and vectors.

Questions in Part A may include:

- Basic trigonometry and trigonometric identities
- Set and interval notation
- Surds
- Simple logs
- Absolute values
- Functions
- Simple derivatives

Part B will consist of approximately 7 short answer questions. Each question will carry a different number of marks and this will be clearly indicated on the examination paper. Write your answers in the space provided. Part marks will apply. Show all working where necessary. There will be a range of easy, medium and hard questions. Assignment and tutorial questions give a good guide of what to expect.

We will advise you of the exam rooms in lectures and via the website. Session times will be 3.00pm and 5.00pm. Choose ***ONE*** session to attend and ensure that you arrive **at the room by either 2.50pm or 4.50pm accordingly.** You *do not* need to tell us which session you will attend; just turn up.