

Course Work for Methods of Applied Mathematics (840G1, 2008/2009)

Dear Students,

To make this year's Workshops more interactive, useful and interesting, I am introducing two new elements to the Workshop. These are Group Work and short Presentations during Workshops. This is designed to increase your involvement and participation during Workshops. These new elements should also help you make the most of the Workshops while keeping these interactive and interesting.

General

The **Course Work** for Methods of Applied Mathematics will account for 10% of the final mark. 90% of the mark will be based on an unseen examination (~sometime in May 2009).

Details of Course Work

The **Course Work** will be based on exercises from the 5 worksheets that correspond to the 5 Workshops that accompany the course. By working in groups of three you will hand in a single set of solutions to each of the 5 worksheets.

Apart from providing solutions, each group will be responsible for nominating a member who, during one of the 5 Workshops, will have to present the solution to one of the exercises from the worksheet corresponding to that week's Workshop. The exercise will be chosen by the workshop participants or otherwise the lecturer. These short (20 to 25 minutes) presentations are intended to encourage you to approach and think about solutions in a more rigorous way. I will be happy to help and direct everybody through their presentation.

Allocation of presentation slots for groups

Workshop 2 (Week 2, Friday)	Group 1 (first half)
	Group 2 (second half)
Workshop 4 (Week 4, Monday)	Group 3 (first half)
	Group 4 (second half)
Workshop 6 (Week 6, Monday)	Group 5 (first half)
	Group 6 (second half)
Workshop 8 (Week 8, Monday)	Group 7 (first half)
	Group 8 (second half)
Workshop 10 (Week 10, Monday)	Group 9 (first half)
	Group 10 (second half)

Each group will be responsible for:

1. Solving all the exercises from each of the five worksheets.
2. Writing up one set of solutions and handing this in before the Workshop.
3. Nominating a member of the group to present the solution to one of the exercises that will be chosen from the worksheet.
4. Presenting the solution to one of the exercises during the workshop.

During week one, or as early as possible, you should organise yourselves in groups of three. If necessary, I am willing to help generate groups, probably on a random basis. Groups should be formed and recorded by the end of the **Lecture on Friday (Week 1)**. As soon as groups are agreed please email me (i.z.kiss@sussex.ac.uk) so I can record all groups. During lectures, I will also circulate a sheet where groups can be recorded. There will be some flexibility to account for students that wish to change their course options early on in the Autumn term. If the number of students on this course is not a multiple of three, I am happy to accommodate a few groups with two members.