

CM10196: Discrete Mathematics for Computation Learning Log 4

Set December 6th 2007; hand-in by Dec 13th 2007

Coursework forms 25% of the assessment for this unit. Coursework will consist of your answers to eight problem sheets, plus the “learning log” exercise. Each problem sheet will be marked out of 10, and there will be 20 marks for the learning log.

This sheet asks you to prepare the final part of the learning log, and is worth 5 marks.

Learning Log 4: Past Exam Papers and revision planning

As you may know, this course (CM10196) is officially a brand new unit, running for the first time in 2007–8. This means that there are no past exam papers to look at when revising and preparing for this year’s exam.

However, the course is very similar to a previously taught course, CM10139 *Computation I: Numbers and Structures*. Therefore you can use past papers from CM10139 for revision; but of course some of the questions will be about topics we have not covered this year.

For the fourth learning log, you should:

- use the University web site to find past exam papers for CM10139
- for each question on each past paper you find, decide whether the question is about a topic we have covered this year.
- submit as your learning log a list of the questions you’ve found, together with the topic they are about, and an indication of which questions you plan to practice for revision purposes.

For example, your list might look like:

2004 paper

1. This question is about logic. We covered this. I plan to attempt this one in revision.
2. This question is about elephant reproductive habits. We did not cover this.
3. About functions and relations. We covered this but I didn't understand it. Must revise and then attempt this question for practice.
4. About groups, rings and fields. Will attempt this.
5. About induction. There is no chance I can answer an exam question like this so I will not attempt it in my revision.

2005 paper (... and so on...)

You do not have to spend very long on this; the idea is to make sure you can find the past papers, and for you to form some kind of revision plan. You should try to look at at least three past papers, though.