QUEEN MARY, UNIVERSITY OF LONDON

MAS 108 Probability I

Course Information   Autumn 2005

Lecturer: Professor R. A. Bailey   **Room:** 317

Office Hours: Monday   0930–1030
                      Friday   1430–1530

Lectures: Wednesday   1200–1300   Mason Lecture Theatre
                  Thursday   1300–1400   Drapers Lecture Theatre
                  Friday   1000–1100   Drapers Lecture Theatre

 Students should attend every lecture. Attendance registers will be taken in randomly chosen lectures.

Exercise Classes:

Day	Time	Room	Surnames
Thursday	1400–1500	BMS 328	surnames A–C
Thursday	1400–1500	New Chemistry 311	surnames D–I
Friday	1100–1200	Law 102	surnames J–M
Friday	1200–1300	Law 102	surnames N–S
Friday	1200–1300	Law G4	surnames T–Z

Course Information: All information is available on the course web page at

`http://www.maths.qmul.ac.uk/~rab/ProbI/` .

It is recommended that you bookmark this page and visit it regularly. Some information is also handed out in lectures.

Reading List: You may find it helpful to buy, or have access to, *Probability and Statistics for Engineering and the Sciences* by Jay L. Devore (fifth edition), published by Wadsworth. Chapters 2–5 are relevant. It is not compulsory to buy the textbook, but if you find that you are struggling with the material in the lectures I would advise you to buy the book and work from it.

 Other books which you could use instead are: *Probability and Statistics in Engineering and Management Science* by W. W. Hines and D. C. Montgomery, published by Wiley, Chapters 2–8; or *Mathematical Statistics and Data Analysis* by John A. Rice, published by Wadsworth, Chapters 1–4. The weekly problem sheets will give readings from all three books.

 You should also buy a copy of *New Cambridge Statistical Tables* by D. V. Lindley and W. F. Scott, published by Cambridge University Press.

 The next book is not a textbook but introduces the ideas of probability theory in a friendly way: *Taking Chances: Winning with Probability*, by John Haigh, published by Oxford University Press.

Assignment Information: Coursework will be handed out in the Thursday lecture and must be given in by 1600 the following Monday. Be sure to write your NAME and STUDENT NUMBER at the top of the coursework, and staple all the sheets together. Then post your coursework in the locked red post-box on the ground floor of the Maths building. Late work will not receive a mark; nor will unstapled work. Copied work will be penalized.

In the Exercise Classes (which start on Thursday 29 September and Friday 30 September) there will be lecturers and postgraduates who can answer questions about the material in the lectures and help you with the coursework when you get stuck. They will not simply tell you how to answer the questions. To obtain most value from the class, you should spend at least an hour beforehand trying the questions on the sheet and looking up any words which you do not understand.

The purpose of the coursework is to help you to learn the material. It is important that you attempt every coursework, so that you keep up with the work in the lectures. Every coursework counts towards your final mark. If you miss three or more courseworks you may be deregistered from the course and barred from the examination.

Your coursework marks will be sent by email to your college student email address. It is important that you also collect your marked coursework and read it through. Marked coursework will be handed back in the following Exercise Class. If you do not collect it then, you should collect it from me in one of my Office Hours. Work which has not been collected for two weeks will be passed to the School Office, who will make it available for collection at certain hours.

There will also be one test, in the seventh week of the semester.

If you miss handing in a coursework or taking a test for a good reason, you should fill in a Missed In-Term Assessment Report Form (from the Web at `http://www.maths.qmul.ac.uk/undergraduate/handbook/`, or from the Undergraduate Studies Handbook) and give it to the Pastoral Tutor (Professor C.-H. Chu, Room 153).

Dates for Assignments:	Assignment	Hand out	Hand in
	1	29 September	3 October
	2	6 October	10 October
	3	13 October	17 October
	4	20 October	24 October
	5	27 October	31 October
	6	3 November	7 November
	7	17 November	21 November
	8	24 November	28 November
	9	1 December	5 December
	10	8 December	12 December

Assessment   Coursework 10%; Test 10%; Examination 80%.

CALCULATORS ARE NOT PERMITTED in the test or examination for this course.

R. A. Bailey
5 October 2005