# MATH4406 (Control Theory), HW1 (Unit 0) Probability and Markov Chains Background 

Prepared by Yoni Nazarathy, Last Updated: July 21, 2014
This home assignment is heavier in terms of work content, compared to the assignments that follow. For students who control probability well, this should be easier. For students who have not studied probability before, this will require time and effort. If you haven't studied probability before, you can get further directed guidance from the tutors up to 2 days before the due date:

Do the following:

1. Read through the "Basic Probability and Markov Chains Notes.".
2. Out of the 70 exercises in these notes, choose any 40 exercises and hand these in. You must choose atleast two exercises that involve computer-work.
