M379, Advanced Differential Equations.
Initial Homework Assignment

For the first week of the course, please review sections 1.1 and 2.1:

- Section 1.1: Please prepare solutions to problems 11, 17, 20 on pages 10-11.

- Section 1.2 is very interesting to read, if you have some time.

- Section 2.1: Solving a linear first order differential equation. (NOTE: You can also refer to your calculus book to review this method). Please prepare solutions to problems 16, 26 on pages 23-24.

These will be due on Wednesday, January 26.

DATE	Homework
Jan 24	2.1 with Maple: 4, 8*, 22*
	Sect. 2.2: 1,3,9,12,18*,21,25*
	Sect. 2.3: 3,4,6,11,16,19,22*
Jan 26	Sect. 2.4: 3,4,6,14
	Sect. 2.5: 3, 15,19*,23,24*
Jan 28	Sect. 2.6 2*, 10*, 20
Jan 31	Sect 2.7 1,2,4,7,14*
Feb 2	Sect 2.8: 2,7,8,19,21*
	Sect. 2.9: 3,5*,8
Feb 4	Sect 2.10 (Review and Catch-up)