

## MATH W81 COURSE INFORMATION

**Required Text** TOPICS IN MATHEMATICAL MODELING, by K.K. Tung

**Course Content** Selected sections in the textbook, as well as additional outside material(s).

**Course Objective** We will learn how to model and analyze (analytically and numerically) interesting problems which arise in physics, biology, and engineering. Some emphasis will be placed upon the physical interpretation of the mathematical solutions.

**Homework Policy** Problems will be assigned regularly, and the results will be discussed in class. You will be expected to actively collaborate with each of the members of your group. The groups are as follows:

Group 1	Group 2	Group 3	Group 4	Group 5
J. Christiansen	T. Atallah	C. King	M. Kouwe	S. Slotsema
J. Hays	D. Griffioen	D. Klompmaker	S. Pastoor	K. Strong
A. Mis	S. Hirschfeld	K. Kooiman	L. Scarbrough	C. Syswerda
P. Plantinga	A. Sterk	K. Plaisier	D. Stehouwer	E. Van Aniel
J. Uitvlugt				

**Attendance Policy** Your attendance is not mandatory; however, your likelihood of doing well is directly proportional to the number of lectures that you attend. If you decide not to attend, that is your business, but please do not then expect me to be sympathetic to your pleas for help.

The classroom is a **No Cell Phone Zone**. You are not to use your cell phone to make phone calls, receive phone calls, text message, and/or surf the web.