

**92.555 Applied Math for Life Scientists  
Fall 2009**

*You should get access to the course web page before 9/7/08.*

*Note that Week 1 is a an extra long week.*

Week	Weeks Day 1	Topic(s)
1	9/3	Basic Mathematics Review
2	9/14	<i>Mathematica</i> , a "Crash Course"
3	9/21	Calculus and Vectors
4	9/28	Linear Algebra, vector calculus and Mathematica Packages
5	10/5	Ordinary differential equations
6	10/12	Markov Chains
7	10/19	Markov Chains
8	10/26	The Logistic Model
9	11/2	The Logistic Model
10	11/9	The Logistic Model
11	11/16	Regression
12	11/30	Metrology
13	12/7	Metrology

**Major Assignments**

Due Date	Description	Weight
9/18	Week 1 assignment (Math Review)	1
9/25	Mathematica Notebook Assignment	1
10/2	Mathematica Exercises	1
10/9	Calculus assignment	1
10/16	Linear Algebra assignment	1
10/23	Differential Equations assignment	1
11/6	Markov Chain Assignment	2
11/27	Logistic Model Assignment	2
12/4	Regression Assignment	1
12/14	Metrology Assignment	2

Revised 8/28/2009

Assignments are turned in on the course web page, using the each assignment's dropbox.

You can submit an assignment until midnight on the due date.

There is a two day late period during which you can still turn in an assignment.

No work can be turned in after the late period unless prior arrangements have been made