Tentative Daily Schedule for MATH 2080-241
Summer II (online) 2015

June

Monday	Tuesday	Wednesday	Thursday	Friday
		24 Lectures 1.1--3 (Sec. 1.1--3, 2.3,8.1) Intro to ODEs *Classes Begin*	25 Lectures 2.1--3 (Sec. 2.1--3) 1st order ODEs *Last Day to Add*	26 Lectures 2.4&5 (Sec. 2.4&6) Solving inhomog. ODEs

July

Monday	Tuesday	Wednesday	Thursday	Friday
29 Lectures 2.6--8 (Sec. 2.3&5) Mixing problems Logistic equation *Last drop: No W*	30 Lectures 3.1&2 (Sec. 4.1--3) 2nd order ODEs	1 Lecture 3.3 (Sec. 4.5) Undetermined coefficients	2 Lecture 3.4&5 (Sec. 4.4&6) Harmonic motion	3 Lecture 3.6 (Sec. 4.7) Variation of parameters
6 Holiday No Classes	7 Lectures 4.1&2 (Sec. 3.1) Matrix algebra	8 **MIDTERM 1**	9 Lectures 4.3&4 (Sec. 3.2&3) Systems of ODEs	10 Lectures 4.5&6 (Sec. 3.3&4) Phase portraits I
13 Lectures 4.7&8 (Sec. 3.5&6) Phase portraits II *Midterm Grades*	14 Lectures 5.1&2 (Sec. 5.1--4) Laplace transform	15 Lecture 5.3 (Sec. 5.5&6) Piecewise functions	16 Lecture 5.4&5 (Sec. 5.5&7) Periodic and impulse functions	17 Lectures 5.6 (Sec. 5.8) Convolution *Last day to drop*
20 Lecture 6.1&2 (Sec. 10.1&2) Fourier series	21 Lectures 6.3 (Section 10.2) Fourier cosine & sine series	22 **MIDTERM 2**	23 Lectures 6.4&5 (Sec. 10.3) Complex series & Applications	24 Lecture 7.1&2 (Sec. 11.1--3&A) Heat equation
27 Lectures 7.3&4 (Sec. 11.4&B) Wave equation	28 Lectures 7.5&6 (Sec. 11.6) Laplace's eq'n	29 Lectures 7.7&8 (Sec. 11.6) 2D PDEs *Last Day of Class*	30 *Study Day*	31 **FINAL EXAM**

August

Monday	Tuesday	Wednesday	Thursday	Friday
3	4	5 *Grades Due*	6	7