

## MATH 2214 Syllabus

TEXTBOOK: Elementary Differential Equations, by W. Kohler and L. Johnson-2nd Edition

<b>Weeks</b>	<b>Sections</b>	<b>Suggested Homework problems</b>
<b>Week 1</b>	<b>1.1, 1.2</b>	1.2: #1-4,9,10,15,16,17,21,22,23
	<b>1.3, 2.1</b>	1.3: #1,2,4,6,14-19 ; 2.1: #5-10,13,14,16 (a)
<b>Week 2</b>	<b>2.2</b>	2.2: #3,4,6,8,12,15,19,22,25,36
	<b>2.3</b>	2.3: #1,6
<b>Week 3</b>	<b>2.4</b>	2.4: #1,2,8
	<b>2.5, 2.6</b>	2.5: #5,6,8,11; 2.6: 2,4,10,11,15
<b>Week 4</b>	<b>2.9</b>	2.9: #1,4
	<b>2.10</b>	2.10: #1-3,8
<b>Week 5</b>	<b>4.9</b>	4.9: #1,3
		<b>Test 1</b>
<b>Week 6</b>	<b>3.1, 3.2</b>	3.1: #4,10; 3.2: #2,4,10,15,16,19
	<b>3.3, 3.4</b>	3.3: #2,8,13,16; 3.4: #2,6,14
<b>Week 7</b>	<b>3.5</b>	3.5: #4,8,12,24,26
	<b>3.6, 3.7</b>	3.6: #2,4,8,9; 3.7: #2,8
<b>Week 8</b>	<b>3.8</b>	3.8: #1,3,4,8,10,12,15
	<b>3.9, 3.10</b>	3.9: #1,2,4,10; 3.10: #2
<b>Week 9</b>	<b>3.11, 3.12</b>	3.11: #4,7; 3.12: #2,5,8,16
		<b>Test 2</b>
<b>Week 10</b>	<b>4.1, 4.2</b>	4.1: #6,8,14,15,19,29; 4.2: #3,4,5,7,9,11,12,15,18
	<b>4.3</b>	4.3: #3,6,8,14,16,18
<b>Week 11</b>	<b>4.4</b>	4.4: #1,8,11,16,18,24,25
	<b>4.5</b>	4.5 #2,8,17(a)(c),19,20
<b>Week 12</b>	<b>4.6</b>	4.6: #1,11,12,15,17,22
	<b>4.7</b>	4.7: #2,13,17,23
<b>Week 13</b>	<b>4.8</b>	4.8: #2,3,7,14,19
		<b>Test 3</b>
<b>Week 14</b>	<b>6.1, 6.2</b>	6.1: #3,5,9,14(a); 6.2: #4,7,24-27
	<b>6.4</b>	6.4: #9,10,21,22
<b>Week 15</b>	<b>6.5, 6.6</b>	6.5: #1,3,6; 6.6: #1,2,4,21
		<b>Final Exam</b>

