# HW Problems for Math 3860, Elementary Differential Equations

| Week 1       | Jan 9-13 | Section 1.1: 22, 23  
|             |          | Section 1.2: 2, 15  
|             |          | Section 1.3: 8, 9, 10, 11, 14  
|             |          | **HW1 is due on 01-20-2012**  
| Week 2       | Jan 16-20| Section 2.1: 14, 15, 16, 17, 20  
|             |          | Section 2.2: 2, 4, 10a, 12a, 13a, 14 a  
|             |          | **HW2 is due on 01-27-2012**  
| Week 3       | Jan 23-27| Section 2.4: 6, 8, 14, 16, 22, 23, 25, 26, 28, 30  
|             |          | **HW3 is due on 02-03-2012**  
| Week 4       | Jan 30- Feb 3 | Section 2.6: 4, 8, 10, 14, 20, 29, 30, 31  
|             |          | Section 2.8: 4a, b, c, d(optional); 5a, b, c, d(optional); 6a, b, c, d(optional)  
|             |          | **HW4 is due on 02-10-2012**  
| Week 5       | Feb 06- Feb 10 | Section 3.1: 12, 13, 14, 15, 16, 17, 18  
|             |          | Section 3.3: 2, 4, 6  
|             |          | **HW5 is due on 02-17-2012**  
| Week 6       | Feb 13- Feb 17 | Section 3.3: 8, 12, 10, 14, 36, 38, 40  
|             |          | Section 3.2: 2, 4, 6  
|             |          | **HW6 is due on 02-24-2012**  
| Week 7       | Feb 20- Feb 24 | Section 3.2: 8, 10, 13, 22, 24  
|             |          | Section 3.4: 2, 4, 6, 8, 10  
|             |          | **HW7 is due on 03-02-2012**  
| Week 8       | Feb 27- Mar 2 | Section 3.4: 24, 26, 42, 44, 46  
|             |          | Section 3.5: 4, 6, 8, 14, 16  
|             |          | **HW8 is due on 03-16-2012**  
| Week 9       | Mar 5 – Mar 9 | Spring Break!  
| Week 10      | Mar 12-16 | Section 3.6: 2, 4, 6, 8, 14, 16  
|             |          | **HW9 is due on 03-23-2012**  
| Week 11      | Mar 19-23 | Section 4.1: 8, 10, 13, 15  
|             |          | Section 4.2: 11, 14, 16, 18, 20, 22  
|             |          | **HW10 is due on 03-30-2012**  
| Week 12      | Mar 26- 30 | Section 4.3: 2, 4, 6  
|             |          | Section 4.4: 2, 4, 6, 13  
|             |          | Section 6.1: 5c, 9, 13  
|             |          | **HW11 is due on 04-06-2012**  
| Week 13      | Apr 2- Apr 6 | Section 6.1: 14, 25  
|             |          | Section 6.2: 2, 4, 8, 12, 14, 18, 22, 23  
|             |          | **HW12 is due on 04-13-2012**  

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