MATH 371
Fall 2011

Week 1   8/29 – 9/2
First Order
Chapter 1
Section 1.1 Problems P.9 # 1-5,11,13,14,27,28
Section 1.2 Problems P.15 # 3,7,8,11,13,14

Chapter 2
Section 2.2 Problems P.45 # 2,3,4,7,11,13,14,19,23,26
Section 2.3 Problems P.53 # 1,2,3,5,7,9,10,17,18,19

Week 2   9/5 – 9/9
More First Order
Section 2.4 Problems P.59 # 1,2,4,7,9,15,17,18,21,22,25,31,32,34,38
Section 2.5 Problems P.64 # 1,4,6,7,13,15,16,21

Week 3   9/12 – 9/16
Higher Order
Chapter 3
Section 3.1 Problems P.108 # 1,15,16,21,23,24,25,27,28,31,32
Section 3.2 Problems P.111 # 1,2,4,6,9,12,13

Week 4   9/19 – 9/23
Section 3.3 Problems P.117# 3,6,9,13,15,19,22,27,34,37
Section 3.4 Problems P.127# 4,7,12,15,18,30,31,37

Week 5   9/26 – 9/28
Section 3.5 Problems P.132 # 1,4,11,12,17,18,20,23

Week 6   10/3 – 10/7
Section 3.6 Problems P.138 # 2,3,6,12,14,19,23,24,31,34

Week 7   10/10 – 10/14
Mechanical Systems, Springs, Circuits
Section 3.8 Problems P.154 # 3,6,21,22,29,31,45,47
The Midterm Exam covers through here!

Week 8   10/17 – 10/21
Laplace Transforms
Chapter 4
Section 4.1 Problems P.201 # 2,4,7,10,12,19,24,28,29,32,37
Midterm Exam 10/20 Regular Class Time 8:00 – 9:55
Grade all day 10/20 and 10/21. Return exam on 10/25.
Withdrawal Date is 10/28.

Week 9   10/24– 10/28
Section 4.2 Problems P.209 # 3,6,8,11,12,15,20,29,30,31,34,36,38
Section 4.3 Problems P.217 # 1,4,6,8,9,11,13,16,18,19,21,24,26,29,30,37,
                            40,41,43,45,55,56,58,64,67,69

Week 10   10/31 – 11/4
Section 4.4 Problems P.228 # 1,3,6,7,10,13,14,19,22,23,25,30,31,33,50,52,53
Section 4.5 Problems P.233 # 2,4,5,7,9,11

Week 11   11/7 – 11/11
          Series Solutions
          Chapter 5
Section 5.1 Problems P.250 # 17,19,20,21,22,23,24,26,27

Week 12   11/14 – 11/18
 Section 5.2 Problems P.258 # 1,4,6,7,15,17,19,26

Week 13   11/21 – 12/2
          Numerical Methods
          Chapter 6
Section 6.1 Problems P.279 # 1,4,6,7,9
Section 6.2 Problems P.283 # 3,5,6,10

Last Week   12/5 – 12/9
Wrap Up, Catch Up, Review, Numerical Part of Final Exam

Final Exam December 13, 8:30 –10:30 am
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Make-up If Needed