

## MA 406 Differential equations

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### Tentative Schedule

Jan 9	Intro., 1.1, 1.2	
<b>Jan 11</b>	<b>Quiz Chapter 1</b>	Homework sections 1.1-1.2 due
Feb 4	<b>Test Chapter 2</b>	Homework Chapter 2 is due
Feb 11	<b>Take Home Chapter 2 is due</b>	
<b>Feb 13-15</b>	<b>BIBLE CONFERENCE</b>	
Feb 20	<b>Quiz 3a</b>	Homework 3.1 & 3.3 due
Mar 13	<b>TEST Chapter 3</b>	Rest of Chapter 3 HW due
Mar 18	<b>Take Home Chapter 3 is due</b>	
<b>March 20-25</b>	<b>SPRING BREAK</b>	
Apr 12	<b>Test: Chapter 10 and 3.12</b>	
Apr 17	<b>Take Home Chapter 10 and sec 3.12 is due</b>	
Apr 24	<b>Quest: Chapter 4</b>	
May 1, 3:30	<b>Final Exam: Covers chapters 2, 3, 4, 10</b>	

**Grade Distribution:** The grade will be based approx. on the following,

1. Chapter 1a quiz	30 pts.
2. Chapter 1a H.W.	10 pts.
2. Chapter 2 Test	100 pts.
3. Chapter 2 H.W.	20 pts.
4. Chapter 2 Take Home	50 pts
5. Sec 3.1 & 3.3 quiz	30 pts.
6. Sec 3.1 & 3.3 HW	10 pts.
7. Chapter 3 Test (Secs 2, 3-5)	100 pts.
8. Chapter 3 HW (Secs 2, 3-5)	20 pts.
9. Chapter 3 Take Home.	50 pts
10. Chapter 4 Quest	40 pts.
11. Chapter 4 H.W.	20 pts.
12. Chapter 10 & Sec 3.12 Test	100 pts.
13. Chapter 10 & Sec 3.12 HW	20 pts.
14. Chapter 10 Take Home	50 pts
15. <u>Final Exam</u>	<u>150 pts</u>
Total	800 pts.

**Homework:** Since all the answers to the odd problems are in the back of the book, all work must be shown to receive credit. Homework for the chapters that we have test over are due the day of test, the other homework(s) are due as shown on the schedule.

**Late homework will not be accepted. If you have not completed all the homework by the due date, then turn in what you have.**

# HOMEWORK

## 4<sup>rd</sup> Edition

### Chapter 1

pp. 9 1, 3, 5, 7, 9, 13, 15, 17, 19, 21, 23, 25, 27, 28, 33

pp. 15 1, 3, 5, 7, 9, 11, 13, 17, 21, 25, 27, 31, 33

### Chapter 2

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pp. 45 1, 5, 9, 13, 19, 21, 23, 25, 30, 33, 34, 35, 39

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### Chapter 3

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pp. 111 1, 3, 9, 11, 14, 19

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pp. 127 3, 7, 11, 15, 17, 21, 26, 27, 29, 31, 33, 35, 39, 41-45

pp. 132 1, 5, 9, 12, 15, 21-25, 27

pp. 138 1, 6, 11, 16, 21, 23, 25, 28, 30, 31, 35, 36, 41, 43, 45

### Chapter 10 and 3.12

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pp. 556 1, 5, 6, 7, 9, 11, 13, 15, 18, 19, 21, 23-26

pp. 568 1, 7, 8, 11, 14, 15, 19, 23, 26, 29, 31, 33, 39, 41, 44, 45, 52

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### Chapter 4

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