

**Homework Assignments**  
**30 MATH 277 - 01**  
**Ordinary Differential Equations**  
**Spring 2009**  
**Dr. Goutziers**

**Text:** *fundamentals of Differential Equations*  
**Author:** R. Kent Nagle, Edward B. Saff, Arthur David Snider  
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**Office Hours:** M 01:00 pm W 09:00 am R 08:00 am F 01:00 pm

**Assignments marked (m) should be completed manually.**

<b>Assignment</b>	<b>Date</b>
1) Page 5: 2; 3; 6; 13; 14; 16.	Jan 14
2) Page 14: 1b; 5; 15; 20a; 21b.	Jan 16
3) Page 14: 18; 25; 26.	Jan 19
4) Page 14: 2.	Jan 21
Page 22: 3; 4; 5; 6; 7; 10c.	
5) Page 28: 3; 10; 11; 16.	Jan 23
6) Page 46: 1; 6; 7(m); 12; 15; 19(m); 22; 25; 30(m).	Jan 26
<b>Announcement of Quiz 1</b>	<b>Jan 28</b>
<b>Date:</b> Monday, February 2	
<b>Sections:</b> 1.1 - 1.4; 2.2	
7) Page 48: 33; 34; 38.	Jan 28
8) Page 54: 7; 10; 13.	Jan 30
9) Page 54: 17; 20; 21; 25; 26; 35.	Feb 02
<b>Announcement of Test 1</b>	<b>Feb 02</b>
<b>Date:</b> Monday, February 16	
<b>Sections:</b> 1.1 - 1.4; 2.2 - 2.4, 3.2	
10) Page 65: 9; 14; 23; 26; 27.	Feb 06
11) Page 104: 3; 7; 14; 15.	Feb 09
12) Page 121: 1; 6; 8; 19.	Feb 18
13) Page 128: 2; 3; 8.	Feb 20
14) Page 139: 9.	Mar 02
15) Page 148: 3; 6.	Mar 04
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Page 148: 11.	
<b>Announcement of Quiz 2</b>	<b>Mar 09</b>
<b>Date:</b> Monday, March 16	
<b>Sections:</b> 3.4 - 3.7, 4.1	
17) Page 168: 1; 2; 4.	Mar 09
18) Page 168: 3; 6; 9.	Mar 11
Page 176: 7; 8; 17; 20.	
19) Page 176: 27; 28; 30.	Mar 13
20) Page 186: 3; 16; 23; 26; 32; 35.	Mar 18

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21) Page 195: 9; 12; 14; 19; 22; 28; 31; 33; 36. Mar 20  
 Note: In Exercises 28 and 31, I do need you to evaluate  
 the coefficients. Maple makes that task very easy.

**Announcement of Test 2 Mar 23**

**Date:** Monday, March 30

**Sections:** 3.4 - 3.7, 4.1 - 4.5

22) Page 201: 17; 20; 22; 27; 29; 30; 41; 45. Mar 23

23) Page 206: 3; 4; 10; 15; 20. Mar 27

**Announcement of Quiz 3 Apr 03**

**Date:** Monday, April 20

**Sections:** 4.6, 4.7

24) Page 214: 5; 8; 9; 12; 15. Apr 03

25) Page 215: 21; 24(c); 26; 27; 36; 37. Apr 15

26) Page 215: 41; 48. Apr 20

27) Page 238: 2; 3. Apr 22

**Announcement of Test 3 Apr 24**

**Date:** Monday, May 4

**Sections:** 4.6, 4.7, 4.9, 4.10.

28) Page 238: 13; 14; 16. Apr 24

29) Page 246: 4; 14. Apr 27

30) Page 246: 11; 12. Apr 29