

Homework Assignments
865 MATH 277 - 01
Ordinary Differential Equations
Fall 2005
Dr. Goutziers

Text: **Fundamentals of Differential Equations**
Author: **Nagle, Saff, Snider**
Edition: **Sixth**
Publisher: **Addison Wesley**
Copyright: **2004**
ISBN: **0-321-14572-0**

Office Hours: **M 09:00 am W 11:00 am R 12:00 pm F 01:00 pm**

Assignments marked (m) should be completed manually.

Assignment	Date
1) Do the Exercises on Maple Lessons 1 and 2.	Aug 24
2) Page 05 2; 3; 5; 8; 11; 13; 16.	Aug 26
3) Page 14 1b; 2a; 4; 7; 11; 16; 21a.	Aug 29
4) Page 14 22; 23; 26.	Aug 31
5) Page 22 1; 4; 6; 7.	Sep 02
Announcement of Quiz 1	Sep 05
Date: Friday, September 9	
Sections: 1.1 - 1.4	
6) Page 28 3; 8; 15.	Sep 05
7) Page 46 1; 6; 9; 12; 21; 24; 27b.	Sep 12
Announcement of Test 1	Sep 16
Date: Friday, September 23	
Sections: 1.1 - 1.4, 2.1 - 2.3	
8) Page 48 33.	Sep 16
9) Page 54 8; 9; 15; 18; 21; 26.	Sep 19
10) Page 65 25.	Sep 26
Page 98 5; 8; 15; 20.	
11) Page 116 7; 12; 15.	Sep 30
Announcement of Quiz 2	Oct 03
Date: Friday, October 7	
Sections: 2.4, 3.1, 3.2, 3.4	
12) Page 122 3; 4; 7; 8.	Oct 07
13) Page 159 3; 4.	Oct 17
14) Page 167 3; 6; 11; 14; 17.	Oct 19
Announcement of Test 2	Oct 24
Date: Friday, November 4	
Sections: 2.4, 3.1, 3.2, 3.4, 3.5, 4.1 - 4.3	
15) Page 167 19; 20; 44; 49(a).	Oct 24
16) Page 177 13; 22; 31(b); 32; 33; 34.	Oct 28
17) Page 179 41; 42.	Oct 31

Continued on Page 2

18)	Page 186	3; 4; 5; 10; 13; 16; 25; 28; 31; 33.	Nov 02
Announcement of Quiz 3			Nov 07
Date:		Friday, November 11	
Sections:		4.4; 4.5	
19)	Page 192	1a; 2b; 5; 10; 17; 20; 25; 28; 35; 45.	Nov 07
20)	Page 197	5; 6; 11; 14; 17; 21.	Nov 11
21)	Page 219	1; 8; 11; 16.	Nov 14
22)	Page 227	4; 5; 8; 11.	Nov 16
23)	Page 359	5; 10; 15; 19; 22; 25; 30.	Nov 18
		You can use Maple instead of a Laplace transform table.	
24)	Page 365	3; 6; 7; 12; 21.	Nov 28
		Except for #21, you can use Maple instead of a Laplace transform table.	
Announcement of Test 3			Nov 29
Date:		Monday, December 5	
Sections:		4.4 - 4.6, 7.1 - 7.5	
25)	Page 375	21; 26; 29	Nov 30
	Page 383	5; 18; 21.	
26)	Page 396	31; 34; 39; 40.	Dec 02