

Homework Assignments
344 MATH 277 - 01
Ordinary Differential Equations
Spring 2007
Dr. Goutziers

Text: Differential Equations
Author: Paul Blanchard, Robert L. Devaney, Glen R. Hall
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Office Hours: M 09:00 am W 12:00 pm R 11:00 am F 11:00 am

Assignments marked (m) should be completed manually.

Assignment	Date
1) Do the exercises on Maple Lessons 1 and 2.	Jan 17
2) Page 14 2.	Jan 19
3) Page 14 3; 4; 5; 10; 11; 20.	Jan 22
4) Page 33 1; 2.	Jan 24
5) Page 33 5; 12; 18; 25; 28; 31.	Jan 26
Announcement of Quiz 1	Jan 29
Date: Monday, February 5	
Sections: 1.1 - 1.3	
6) Page 35 34; 35; 36; 38.	Jan 29
7) Page 48 5; 11; 12; 15; 20. Use Maple's DEplot routine in the DEtools package to generate the slope fields.	Jan 31
8) Page 63 2; 9; 18; 20.	Feb 05
9) Page 73 2; 9; 12; 15.	Feb 09
Announcement of Test 1	Feb 12
Date: Wednesday, February 21	
Sections: 1.1 - 1.6	
10) Page 91 1; 4; 7; 10; 19; 34; 39.	Feb 12
11) Page 123 3; 9.	Feb 19
Announcement of Quiz 2	Feb 23
Date: Monday, March 12	
Sections: 1.8, 1.9, 2.1	
12) Page 123 5; 12; 21; 24; 29.	Feb 23
13) Page 135 2; 5; 8; 11; 16; 17; 24.	Mar 05
14) Page 164 4; 7; 9; 10; 19.	Mar 07
15) Page 183 9; 11a; 12; 19.	Mar 09
16) Page 196 5; 6; 7.	Mar 14
17) Page 198 17; 18.	Mar 16
Announcement of Test 2	Mar 21
Date: Monday, March 26	
Sections: 1.8, 1.9, 2.1 - 2.3, 3.1	
18) Page 252 5; 12; 17; 24; 27.	Mar 21
19) Page 271 3; 8; 13; 21.	Mar 23

Continued on Page 2

Announcement of Quiz 3			Mar 30
Date:	Wednesday, April 18		
Sections:	3.2 - 3.4		
20)	Page 287	5; 12; 19; 22.	Apr 09
	Page 305	3; 9; 5; 11; 8; 14; 21.	
21)	Page 321	2; 6.	Apr 13
22)	Page 321	9; 18.	Apr 18
23)	Page 337	21; 26; 28; 34; 35.	Apr 20
24)	Page 393	9; 22; 35.	Apr 23
25)	Page 406	8; 13; 20.	Apr 25
26)	Page 418	2; 5; 10; 15; 19.	Apr 27
Announcement of Test 3			Apr 30
Date:	Monday, May 7		
Sections:	3.2 - 3.6, 4.1 - 4.4.		
27)	Page 431	6; 7; 9; 10.	Apr 30