

Homework Assignments
716 MATH 377 - 01
Advanced Calculus I
Spring 2005
Dr. Goutziers

Text: Advanced Calculus
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Office Hours: M 10:00 pm W 11:00 am R 12:00 pm F 12:00 pm

Assignment			Date
1)	Page 15	1; 2a,c,d,i.	Jan 19
2)	Page 15	2b,f,g; 12b,c	Jan 24
3)	Page 15	6b,c; 7a,c; 8a,b.	Jan 26
Announcement of Quiz 1			Jan 31
Date:		Friday, February 4	
Sections:		1.1 - 1.4	
4)	Page 16	10a,d; 11a.	Jan 31
5)	Page 17	13a,d.	Feb 02
6)	Page 20	1a,b; 2a,e,k; 3a; 4b.	Feb 07
	Page 25	2a; 3b; 6.	
7)	Page 30	1c; 2c; 3a; 4; 7a; 8b; 11.	Feb 09
Announcement of Test 1			Feb 11
Date:		Wednesday, February 16	
Sections:		1.1 - 1.9	
8)	Page 33	1b,c; 2a; 3b; 4b; 5c; 6.	Feb 14
9)	Page 38	1b,c; 4d.	Feb 28
10)	Page 38	2b,c; 3a,c; 6; 8.	Mar 04
Announcement of Quiz 2			Mar 07
Date:		Friday, March 11	
Sections:		1.10 - 1.12	
11)	Page 44	1a; 2b; 3c.	Mar 07
12)	Page 44	5a,c; 8.	Mar 09
13)	Page 53	2; 7.	Mar 14
14)	Page 54	9; 11 (do not attempt to graph).	Mar 16
Announcement of Test 2			Mar 18
Date:		Wednesday, March 23	
Sections:		1.10 - 1.15	
15)	Page 60	1; 4; 9; 13.	Mar 21
16)	Page 66	3a,d.	Apr 04
17)	Page 66	1a,d; 4; 8.	Apr 06
18)	Page 180	1b; 2a,b; 4; 7; 8.	Apr 08
19)	Page 185	4; 6; 7; 11b.	Apr 11
20)	Page 186	11c.	Apr 13
21)	Page 195	2; 3.	Apr 18

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22) Verify the result $\frac{\partial(x,y,z)}{\partial(u,v,w)} = \alpha\beta\gamma$ for cylindrical coordinates. Apr 20

Announcement of Quiz 3 Apr 22

Date: Wednesday, April 27

Sections: 1.16, 1.17, 3.1 - 3.7

23) Page 195 5; 6. Apr 25

24) Page 628 1a; 2b; 3a; 4c; 6a; 7b. Apr 29

Announcement of Test 3 May 02

Date: Friday, May 06

Sections: 1.16, 1.17, 3.1 - 3.8, 9.1 - 9.3, 9.5.