
Multivariable Calculus

Math 212 Spring 2006
©2006 Ron Buckmire

Fowler 307 MWF 8:30pm - 9:25am
<http://faculty.oxy.edu/ron/math/212/06/>

Week 2

Monday January 30 *Class 4:*

The Vector Cross Product.

Reading:

Williamson & Trotter, (Section 1.6)

Homework #4: (due in *Class 5*)

Williamson & Trotter, Page 36 # 1,3,**9**,11,15,18,**22** ; Page 42-44 #
1, 2, 3, 4, 8, **9, 11, 22**; EXTRA CREDIT page 42 #15.

QUIZ #1 DUE

Wednesday February 1 *Class 5:*

Systems of Linear Equations. Applications of Linear Systems.

Reading:

Williamson & Trotter, (Section 2.1)

Homework #5: (due in *Class 6*)

Williamson & Trotter, page 44-45: **1,14,17,19,20,24,31,32,33,34,35**;

Friday February 3 *Class 6:*

Review of Linear Systems, Part 2: Matrix Operations

Reading:

Williamson & Trotter, (Section 2.2, 2.3 and 2.4)

Homework #6: (due in *Class 7*)

Williamson & Trotter, page 51 # 6, 7, 14, 17, 18; page 69: # 3, 11,
14; page 73: 2, 11 ; page 80: 1,2,3,4,11,12,13,14, 46

Extra Credit page 81: 49

QUIZ #2