

VECTOR CALCULUS
MATH 21D
Fall Quarter, 2006

TEXT: *Thomas' Calculus, Early Transcendentals*, Weir, Hass and Giordano

Chapters: 15 and 16.

INSTRUCTOR: Blake Temple, 3148 MSB, 752-2214

Lecture: MWF 8:00-8:50am, 100 Hunt

Office Hours: MWF 11-12 or by appt.

e-mail: temple@math.ucdavis.edu

Web Page: <http://www.math.ucdavis.edu/~temple/MAT21D/>

DISCUSSION SECTIONS:

A01: 290 H GYM, Tuesday 8:10-9:00pm, (CRN30290)

A02: 1130 Bainer, Tuesday 5:10-6:00pm, (CRN60091)

A03: 1130 Bainer, Tuesday 6:10-7:00pm, (CRN60092)

A04: 192 Young, Tuesday 7:10-8:00pm, (CRN60093)

GRADING: Midterms I,II=100pts each, Final =200pts, for a total of 400pts.

Midterm I: Wednesday, October 25, Sections 15.1-15.7

Midterm II: Wednesday, November 22, Sections 16.1-16.5

Final Exam: Thursday, December 14, 8:00-10:00am, 100 Hunt

HOMEWORK: Homework will be done over the internet through My Math Lab. It is the responsibility of the TA to discuss the homework, as well as the mechanics of doing the homework, in the T/Th discussion sections. I will use the homework score to (at most) adjust a grade by a + or -, according to my judgement. There will be no makeup homework or exams.

COURSE ID: temple09912

SYLLABUS

<u>DAY</u>	<u>SECTION</u>	<u>HOMEWORK</u>	
FR – Sept 29	Introduction	15.1 –1, 5, 7, 13, 17	
MO – Oct 2	15.1	15.1 –23, 27, 33, 41, 51	
WE – Oct 4	15.2	15.2 –3, 5, 11, 17, 29, 21, 27, 35	
FR – Oct 6	15.3	15.3 –1, 7, 11, 19, 23, 25	
MO – Oct 9	15.4	15.4 –1, 7, 17, 23	
WE – Oct 11	15.4	15.4 –27, 33, 41	
FR – Oct 13	15.5	15.5 –3, 5, 13, 17	
MO – Oct 16	15.6	15.6 –1, 3, 7, 11, 17	
WE – Oct 18	15.6	15.6 –21, 33, 39, 59	
FR – Oct 20	15.7	15.7 –1, 7	
MO – Oct 23	15.7	15.7 –15	
WE – Oct 25	Midterm I		
FR – Oct 27	16.1	16.1 –1, 3, 9	
MO – Oct 30	16.1	16.1 –, 15, 19, 23	
WE – Nov 1	16.2	16.2 –1, 3, 7, 15	(1)
FR – Nov 3	16.2	16.2 –17, 21, 25, 37	
MO – Nov 6	16.3	16.3 –1, 3, 7	
WE – Nov 8	16.3	16.3 –9, 13, 19	
FR – Nov 10	Veterans Day Holiday		
MO – Nov 13	16.4	16.4 –1, 5, 7	
WE – Nov 15	16.4	16.4 –15, 19, 21	
FR – Nov 17	16.5	16.5 –1, 5, 9, 15	
MO – Nov 20	16.5	16.5 –19, 23, 27	
WE – Nov 22	Midterm II		
FR – Nov 24	Thanksgiving		
MO – Nov 27	16.6	16.6 –9, 25, 39	
WE – Nov 29	16.7	16.7 –1, 5	
FR – Dec 1	16.7	16.7 –9, 13	
MO – Dec 4	16.8	16.8 –1, 7	
WE – Dec 6	16.8	16.8 –11, 15	
FR – Dec 8	Review/Catch up		

Lead TA Yuting Yang will be available at yyang@math.ucdavis.edu for help getting started on My Math Lab. **COURSE ID:** temple09912

Final Week Office Hours:

Office hours of David and Tom for the final exam week will be as follows:

David Cherney: Mon, Tue, Wed 12-1 (MSB 3202)

Tom Hunt: Tue, Wed 2-3:30 (MSB 3125)

Yuting Yang, (Lead TA) yyang@math.ucdavis.edu