

MATH 252–004 CRN 41990, PSU, Winter 2012

MW 6:40-8:30 NH 375

Instructor: Joseph Bradford

Office : NH M 227 B

Office Hour: M 8:30–9:30

Fri. 2–3

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Calculus II, 4 Cr Differential and integral calculus of functions of a single variable.

Prerequisites: Mth 251

Text Rogawski, Calculus Early Transcendentals.

Calculator I will be using the TI-84 and TI-89.

What The Course Covers

Sec. 4.7, 4.9	Limits Cont.
Sec. 5.1–5.7	The Integral
Sec. 6.1–6.4	Apps. of the Integral
Sec. 7.1–7.4, 7.7	Numerical Integration
Sec. 8.1	Arc Length & Surface Area
Sec. 12.6, 12.7	Vector Geometry

Grading

Your grade is based on 450 points, as follows:

	<u>points</u>
Homework	50
Quizzes 1 & 2 (no calculator)	50
Test 1	100
Test 2	100
Final	<u>150</u>
Total	450

I plan to grade from percentages:

percentage		grade
90 – 93.3	93.4 – 100	A /–
80 – 83.3	83.4 – 86.6	B+ /–
	70 – 76.6	C+ /
60 – 63.3	63.4 – 66.6	D+ /–
	below 60	F

You may not make up a test. If you cannot make it to class on the day of the test you must contact me before class and we shall work something out. If no contact is made a zero will be given.

The final is comprehensive on Monday, March 19 at 7:30 p.m.

Homework problems will be assigned weekly. You may drop your lowest homework score.

Homework grading is based on two factors. You may receive 5 points for a complete assignment and you may receive 5 points for graded problems, picked at random. A partially completed assignment with incorrect answers will receive 0 points.

Homework assignments need to be completed on time. There will be a 50% deduction for each calendar day a homework assignment is late.

If you have a learning or physical disability which interferes with you taking the course, please contact the PSU's Disability Services (503-725-4150). They will contact me and determine how the course is to be adjusted for your individual needs.

Some aspects of this syllabus are tentative and may be changed to meet class needs.

Tutoring services are available in the atrium - 3rd floor Neuberger Hall. See the math department for times.

Out of respect for the class and your fellow students using cellphones or PDAs during class time is socially unacceptable. Turn your cellphones OFF during the class.

Important dates: January 15 last day to add without instructor approval. January 22 last day to drop without a "W". February 26 last day to withdraw with a "W".

Tentative Calendar Math 252

	Mon	Weds
week 1	9 Sec. 4.7	11 Sec. 4.9
week 2	16 Holiday No Class	18 Sec. 5.1 , 5.2
week 3	23 Sec. 5.2, 5.3	25 Sec. 5.3, 5.4
week 4	30 Quiz 1 Sec. 5.4	1 Sec. 5.5, 5.6
week 5	6 Test 1	8 Sec. 5.6, 5.7
week 6	13 Sec. 6.1, 6.2	15 Sec. 6.2, 6.3
week 7	20 Sec. 6.4 , 7.1	22 Quiz 2 Sec. 7.1, 7.2
week 8	27 Sec. 7.3 , 7.4	29 Test 2
week 9	5 Sec. 7.4 , 7.7	7 Sec. 8.1
week 10	12 Sec. 12.6 , 12.7	14
week 11	19 Final at 7:30 pm	