

MATH 254–002 CRN 12455, PSU, Fall 2017

MWF 2:00-3:05 NH 364

Instructor: Joseph Bradford

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Office Hour: MF noon–1 pm

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Calculus IV, 4 Cr An introduction to differential and integral calculus of functions of several variables and applications. Prerequisites: Mth 253 or (Mth 252 and Mth 261), C- or above.

Text Rogawski, Calculus Early Transcendentals, 3rd Edition

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

What The Course Covers

Sec. 14.1–14.8	Partial Derivatives
Sec. 15.1–15.6	Multiple Integration
Sec. 16.1–16.5	Line and Surface Integrals
Sec. 17.1–17.3	Fundamental Theorems

Grading

Your grade is based on 425 points, as follows:

		<u>points</u>
Homework		50
Test 1		75
Test 2		75
Test 3		75
Final		<u>150</u>
	Total	425

I plan to grade from percentages:

percentage		grade	
90 – 93.3	93.4 – 100	A /–	
80 – 83.3	83.4 – 86.6	86.7 – 89.9	B+ /–
	70 – 76.6	76.7 – 79.9	C+ /
60 – 63.3	63.4 – 66.6	66.7 – 69.9	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 Wednesday, December 6 at 12:30 p.m.

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

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

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.

On the rare occasion that you miss a class, you may send your assignment as an email attachment. Please scan your assignment to a pdf file and then email as an attachment. Retain the hardcopy of your assignment for submission at the next class meeting.

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.

Your cell phone must be in some sort of “silent mode” while you are in the classroom. You may not read or send text messages while class is in session. If there is an unusual situation where you simply must be able to read and/or send a message without delay, have your phone in vibrate mode and leave the room before reading and/or responding to the message. No other electronic devices (other than calculators) may be used during class without the express permission of the instructor.

Access and Inclusion for Students with Disabilities

PSU values diversity and inclusion; we are committed to fostering mutual respect and full participation for all students. My goal is to create a learning environment that is equitable, useable, inclusive, and welcoming. If any aspects of instruction or course design result in barriers to your inclusion or learning, please notify me. The Disability Resource Center (DRC) provides reasonable accommodations for students who encounter barriers in the learning environment.

If you have, or think you may have, a disability that may affect your work in this class and feel you need accommodations, contact the Disability Resource Center to schedule an appointment and initiate a conversation about reasonable accommodations. The DRC is located in 116 Smith Memorial Student Union, 503-725-4150, drc@pdx.edu, <http://www.pdx.edu/drc>

Important dates: October 1 last day to add online. November 12 last day to withdraw with a “W”.

Title IX

Portland State is committed to providing an environment free of all forms of prohibited discrimination and sexual harassment (sexual assault, domestic and dating violence, and gender or sex-based harassment and stalking). If you have experienced any form of gender or sex-based discrimination or harassment, know that help and support are available. PSU has staff members trained to support survivors in navigating campus life, accessing health and counseling services, providing academic and on-housing accommodations, helping with legal protective orders, and more. Information about PSU's support services on campus, including confidential services and reporting options, can be found on PSU's Sexual Misconduct Prevention and Response website at: <http://www.pdx.edu/sexual-assault/get-help> or you may call a confidential IPV Advocate at 503-725-5672. You may report any incident of discrimination or discriminatory harassment, including sexual harassment, to either the Office of Equity and Compliance or the Office of the Dean of Student Life.

Please be aware that all PSU faculty members and instructors **are required to report** information of an incident that may constitute prohibited discrimination, including sexual harassment and sexual violence. This means that if you tell me about a situation of sexual harassment or sexual violence that may have violated university policy or student code of conduct, I have to share the information with my supervisor or the University's Title IX Coordinator or the Office of Affirmative Action. For more information about Title IX please complete the required student module Creating a Safe Campus in your D2L.

Tentative Calendar Math 254

	Mon	Weds	Fri
week 1	25 Sec. 14.1	27 Sec. 14.2	29 Sec. 14.3
week 2	2 Sec. 14.4	4 Sec. 14.5	6 Sec. 14.5
week 3	9 Sec. 14.6	11 Sec. 14.7	13 Test 1
week 4	16 Sec. 14.8	18 Sec. 15.1	20 Sec. 15.2
week 5	23 Sec. 15.3	25 Sec. 15.3, 15.4	27 Sec. 15.4
week 6	30 Sec. 15.5	1 Sec. 15.6	3 Test 2
week 7	6 Sec. 16.1	8 Sec. 16.2	10 Holiday No Class
week 8	13 Sec. 16.3	15 Sec. 16.4	17 Sec. 16.5
week 9	20 Test 3	22 Sec. 17.1	24 Holiday No Class
week 10	27 Sec. 17.2	29 Sec. 17.3	1 Review
week 11	4 No Class	6 Final at 12:30 pm	