

## MULTIVARIABLE CALCULUS II: MATH 2005-R02

Spring 2020

Syllabus

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<b>Instructor:</b>	Manami Roy
<b>Email:</b>	mroy17@fordham.edu
<b>Office:</b>	JMH 414
<b>Office hours:</b>	T 10:30 am-12:30 pm, W 3:00-5:00 pm or by appointment.
<b>Class time:</b>	TF 2:30am –3:45pm, JMH 405
<b>Recitation:</b>	W 12:30–1:20pm, JMH 405

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**Textbook:** Multivariable Calculus by James Stewart, 8th edition.

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**Course Website:** Visit <https://faculty.fordham.edu/mroy17/math2005.html> for a tentative schedule of the course, this will be updated regularly.

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**Course Description:** We will discuss materials from chapters 15-16 of the textbook. This includes triple integrals, cylindrical/spherical coordinates, vector fields, and the three big Integral Theorems (Green, Stokes, Gauss) with applications. We will also cover some extra topics if time permits, the topics will be announced later. You are expected to know the material from Multivariable Calculus I as a prerequisite.

**Course Expectation:** Students are expected to attend every class, to read ahead in the textbook and to work on the homework ahead of the time in order to finish them by the due date.

**Electronics Policy:** Use of a computer, cell phone, and any other electronic leisure devices are not allowed during the lectures, recitation hours and exams. Calculators will not be allowed during quizzes and exams.

**Homework:** There will be one homework every week other than quiz weeks. There will be 9 or 10 homework assignments in total. No late homework allowed.

**Quizzes and Final:** There will be 3 quizzes and a cumulative final exam. No make-ups will be given.

**Course Grade:** Homework 30%, Quizzes 30%, Cumulative final 40%.

**Important Dates:**

- Three quizzes on Fridays, February 14, March 13, and April 17.
- Final on Tuesday, May 05, 1:30 pm.
- January 22: last day of add/drop
- February 18: no lecture, Monday schedule
- February 28: last day for designating this course Pass/Fail

- March 17-March 21: Spring Break
- March 27: last day to withdraw from this course without incurring a WF
- April 10: no lecture, Easter Recess

**Math Help Room:** The Department of Mathematics runs a Math Help Room in JMH 410. The Help Room is staffed by professors and upper-class mathematics students and is open Monday–Friday from 9:30am to 5:00pm. No appointment is necessary.

**Academic Integrity and Honesty:** Students are bound to comply with the University’s Code of Conduct. This includes [http://www.fordham.edu/info/25380/undergraduate academic integrity policy](http://www.fordham.edu/info/25380/undergraduate-academic-integrity-policy). If a student is found in violation of academic integrity standards while an undergraduate at Fordham University, severe sanctions shall be imposed, so the best advice is **Don’t do it!**

**Students with Special Needs - Disability Services:** If you believe that you have a disability that may interfere with your ability to participate in the activities, coursework, or assessment of the object of this course, you may be entitled to accommodations. Please schedule a meeting to speak with someone at the Office of Disability Services (Rose Hill - OHare Hall, Lower Level). For more information please see <https://www.fordham.edu/info/20174/disability-services>.