CALCULUS II: MATH 1207

Summer 2020 (Session II) Syllabus

Instructor: Manami Roy
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Class time: MTWTh, 6 - 9 p.m.


Prerequisite: Calculus I-MATH 1206 or equivalent.

COURSE DESCRIPTION:

This course is a continuation of MATH 1206. Topics include: definite integrals, arc length, area, volume, work, logarithmic and exponential functions, inverse functions, techniques of integration, including substitutions and integration by parts. parametric curves, polar coordinates, sequences and series, Taylor polynomials with remainder, and Taylor series.

- **Homework and exam Policy:** No late homework allowed. All quizzes will be given in class and there will be no make-up quizzes. If you know you will be missing an exam, you must contact the instructor as soon as possible before the exam takes place. Failure to do so will result in zero points on the missed exam.

- **Electronics Policy:** Use of a computer, cell phone, and any other electronic leisure devices are not allowed during the lectures and exams.

- **Calculator Policy:** Mostly you do not need calculators in this class. Occasionally, you may use a scientific non-graphing calculator when it is needed (maybe for a homework). Calculators will not be allowed during quizzes and exams, so do not make a habit of using calculators when it is not necessary.

COURSE GRADE DISTRIBUTION: Homework 30%, Quizzes 30%, Exams 40%.

COURSE EXPECTATIONS:

- As your instructor, my goal is to help you understand and explore the concepts, ideas and mathematical tools covered in this course. I highly encourage any kind of questions related to the class. If you have any question about the material or what is happening in class, please ask instantly. In my opinion, there are no “dumb” questions; even if it’s about the “basics” (i.e., the things you “think” you should know).

- As a student, you are required attend every class. You are also expected to be attentive in class and to participate in class actively by asking questions or answering questions or participating in a discussion. You will be required to think about and apply the concepts, ideas and tools from
the lectures to questions and problems presented during the class, in your homework, quizzes, and exams. When studying and working on assignments, if you come across a question that you don’t immediately know how to answer, it doesn’t mean you can’t answer it. Some questions will take more time than others. **Do not give up!** You may need to review and think about what you’ve learned to answer the question. This may mean putting what you’ve learned together in new ways and using information in ways that may not have been explicitly covered in class.

**Academic Integrity and Honesty:** Academic integrity is the pursuit of scholarly activity in an honest, truthful, and responsible manner. Violations of academic integrity include, but are not limited to, plagiarism, cheating on exams, falsification, unapproved collaboration, and destruction of library materials. 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!** Please see the University’s policy on academic integrity for more details.

**Students with Special Needs - Disability Services:** Under the Americans with Disabilities Act and Section 504 of the Vocational Rehabilitation Act of 1973, all students, with or without disabilities, are entitled to equal access to the programs and activities of Fordham University. 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 - O’Hare Hall, Lower Level). For more information please see [https://www.fordham.edu/info/20174/disability-services](https://www.fordham.edu/info/20174/disability-services).