Course Syllabus   MATH 143: Calculus/Power Series

Instructor	Nicholas Vlamis	**Office**	507 Kiely Hall
E-mail	nicholas.vlamis@qc.cuny.edu	**Office Hours**	MW 1–2:30pm
Class	MW 3:10–4:25pm, 414 Kiely Hall		
Website	Google Classroom		

Course Description

This is a calculus course focusing on the techniques of integration and the convergence of sequences and series. The theory of series is essential to modern day computation as it allows us to approximate functions by polynomials.

Prerequisites. MATH 141 Calculus/Differentiation and MATH 142 Calculus/Integration (or equivalent). A solid understanding of derivatives and integrals is essential and will play a large role in this class.

Course Materials

Course Textbook. *Essential Calculus*, Second Edition, by James Stewart. The textbook can be purchased online directly through the publisher. There are several options for purchasing various combinations of a physical book, eBook, and WebAssign. Access to WebAssign will be required for the course. (I fully encourage you to search the internet for deals on the book.)

We will cover Sections 6.1-6.5, 5.8, 6.6, and 8.1-8.8.

WebAssign. A portion of your homework will be assigned and completed through WebAssign. In order to join the class, you will need to use the following class key: **qc 6008 4892**.

Google Classroom Notes, homework, and grades will be posted on Google Classroom. To join the course, go to http://classroom.google.com, login using your qc.cuny.edu email address, and use class code **ste4lrz** to join.

Calculators. Through all aspects of the course, including exams, you will be permitted to use a calculutor. The suggested calculator for the course is a TI-84, but a TI-83, TI-86, or equivalent will also work. You will not be allowed to use a calculator that does symbolic differentiation or integration, for example neither the TI-89 nor TI-92 is permitted.

Office Hours. I encourage you to attend office hours! Office hours are a great place to spend extra time on the course material and help you build your understanding and skill. I have provided times for my office hours at the top of the syllabus. If you cannot attend the listed office hours, please feel free to contact me to set up another time to talk.

Accommodation. If you have a documented disability requiring special accommodations, please inform me as early as possible. Special arrangements for graded work require appropriate documentation.

Math Lab The Math department sponsors the Math Lab in Kiely 331, where you can find lecture videos, computers, and tutors to help you with your homework, starting the second week of class.

Assessment Plan

Your course grade will be determined from the following categories and weights:

Homework	10%
Homework Quizzes	10%
In-class Exams	50%
Final Exam	30%

There will be 3 in-class exams and a final exam. Your lowest in-class exam will be dropped. The exams are scheduled for the following dates:

Exam 1:   Wednesday, February 27
Exam 2:   Wednesday, April 3
Exam 3:   Wednesday, May 8
Final Exam: TBA

There will be no make-up exams for the in-class exams. In the case you miss an in-class exam, the remaining exams will be weighted accordingly.

Homework. There will be two aspects to homework in the course: (1) WebAssign and (2) homework quizzes. Both portions of will be worth 10% of your overall grade.

WebAssign. There will be homework assigned on WebAssign after every class and it will be due by the beginning of the following class (with an exception for test days). The lowest four scores will be dropped. No extensions will be granted.

Homework Quizzes. Every Wednesday there will be homework assigned consisting of problems from the textbook. The following Wednesday there will be 5-10 minute closed-book quiz at the beginning of class consisting of 1-2 questions from the assigned homework. The lowest two scores will be dropped. No make-up quizzes will be given.