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| Instructor | Nicholas Vlamis | Office | 507 Kiely Hall |
| E-mail | nicholas.vlamis@qc.cuny.edu | Office Hours | Tu 4:30–5:30pm Th 12–1pm |
| Class | TuTh 1:40–2:55pm, 434 Kiely Hall | | |
| Website | http://qc.edu/~nvlamis/142F18 | | |

COURSE DESCRIPTION

This is a second semester calculus course focusing on the definition and application of integration. We will see that, via the Fundamental Theorem of Calculus, derivatives and integrals are two sides of the same coin.

Prerequisites. MATH 141 Calculus/Differentiation (or equivalent). A solid understanding of derivatives is essential and will play a large role in this class (again via the Fundamental Theorem of Calculus).

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 3.7, Appendix B Sigma Notation, 4.1-4.5, 5.1-5.6, 7.1-7.4, and 7.7.

WebAssign. All homework will be assigned and completed through [WebAssign](#). In order to join the class, you will need to use the following class key: **qc 8166 7001**.

Calculators. Through all aspects of the course, including exams, you will be permitted to use a calculator. 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. Outside of my teaching (Tuesday/Thursday 1:30-4:30pm), I have a flexible schedule on Tuesday, Wednesday, and Thursday.

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:

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| Homework | 20% |
| In-class Exams | 60% |
| Final Exam | 20% |

There will be 3 in-class exams of equal weight (20% of your final grade) and a final exam. The exams are scheduled for the following dates:

- Exam 1: Thursday, October 4
- Exam 2: Thursday, November 1
- Exam 3: Thursday, December 6
- Final Exam: Thursday, December 13 1:30-4:00 PM

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. Homework will be assigned every Thursday and will be due the following Friday (that is, 8 days later). There will be an alternate schedule during exam weeks; the revised schedule will be announced closer to the exams.