Math 201 Syllabus Fall 2018
Text: Essential Calculus Second Edition by Stewart
Homework Management System: WebAssign
Calculator: TI-84

The chapter sections given below are in Essential Calculus, Second Edition. The suggested number of classes for each chapter represent 100 minute units, 2 classes/week for 14 weeks = 28 classes, 4 classes are reserved for tests & review. The calculus committee recommends 3 in-class exams equally spaced in the semester. Math 201 is using a homework management system, WebAssign which is optional for instructors. see notes below.

Chapter 9
9.1 Parametric Curves
9.2 Calculus with Parametric Curves
9.3 Polar coordinates
9.4 Areas and Lengths in Polar Coordinates  (3 classes)

Chapter 10
10.1 3-Dimensional Coordinates
10.2 Vectors
10.3 Dot Product
10.4 Cross product
10.5 Equations of Lines and Planes
10.6 Cylinders and Quadric Surfaces
10.7 Vector functions and space curves
10.8 Arc length & curvature
10.9 Motion in Space  (7 classes)

Chapter 11
11.1 Functions of Several variables
11.2 Limits & Continuity
11.3 Partial derivatives
11.4 Tangent Planes and Linear Approximation
11.5 Chain Rule
11.6 Directional Derivatives and the gradient vector
11.7 Max and Min Values
11.8 Lagrange Multipliers  (7 classes)

Chapter 12
12.1 Double Integrals over rectangles
12.2 Double Integrals over general regions
12.3 Double Integrals in Polar Coordinates
12.4 Applications
12.5 Triple Integrals
12.6 Triple Integrals in Cylindrical Coordinates
12.7 Triple Integrals in Spherical Coordinates  (7 classes)
The physical bookstore at Queens College has closed and been replaced with an on-line service:
http://www.qc.cuny.edu/StudentLife/facilities/Pages/Bookstore.aspx
This site sells the textbook without the WebAssign HMS. The publisher of our textbook (Cengage) also offers sales
direct to students including WebAssign at this dedicated site:

www.cengagebrain.com/course/1578617

At this site students can buy the textbook and web assign in various options: The HMS with the on-line e-book, or
with in addition a printed copy mailed to their home address. This site is reportedly much cheaper than the link
above from the QC home page.

HMS Guidelines

Website:  http://webassign.net/   Instructors can get logins here:   http://webassign.net/

In addition to on line homework, the web site offers an e-book version of our text, a personal study guide for
students, and videos of lectures linked to each section of the book. All students self-enroll in WebAssign.
Students whose instructors are NOT using WebAssign for homework should register at the Math 201 Master Section
to access these resources. To do this they enter the following section and code when they register

Math 201 Master Section Fall 2018        Class Key:  qc  6472  8218

If you are using WebAssign for on-line homework you will need to create a Course in your account for your section.
Once you create this section the system will give you a class key, which your students will use to enroll in your
section. Later you can find this code in Class View by clicking on “class key settings” in the Class Tools menu.

To create your section: Choose “Create” in the top left menu below “Home”, then “Course”, and select the textbook.
Click “enable personal study plan” and the textbook certification. Once you set the start date of the course, students
have a 2-week grace period after that date during which they can log in without having paid for access. After you
save the course settings, set “How will students be placed on your roster” to self-enrollment.