142-02 Syllabus 2

Calculus/Differentiation & Integration (Queens College CUNY)



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Math 142-02 (34285) Syllabus

Instructor Blendi Koroveshi

Spring 2022, January 25^{th}- May 23^{rd}

1. Dropbox Archives Password: **QCS2334285**

   File Request Dropbox Survey Upload embedded hyperlink and Quiz Upload Folder embedded hyperlink at the bottom of the next page.

   Office Hours: Tuesdays & Thursdays 9:40-10:40 AM or by appointment will be in person in my office (Kiely Hall Room 402). Click to → Email me.

2. **Objective of the course:** The goal of this course is to have students become more comfortable with concepts of integral calculus and prepare them for higher level courses.

3. **Textbook**: Essential Calculus 2nd Edition by Stewart.

4. **Class Meetings**. This class meets in person. Four Quizzes, 2 Midterms and Final Departmental Exam will be administered through Cengage Webassign (Self enrollment code for the class is: **qc 3554 2335**) and Quiz Dropbox File Requests (look at the bottom of the next page for exact schedule). Absolutely No requests for extra credit or for a change a grade after the semester has concluded will be entertained.

5. **Grade Policy.** You will have 4 Quizzes (worth a total of 12 points), two Midterm Exams (worth 20 Points each), a Final Exam (worth 40 points) and Graded Homework (8 points). Participation in the meetings is required and absences will count negatively (-1 points/meeting) towards your final grade. If you miss 30% or more of the class meetings I reserve the right to potentially **not award a passing grade**.

   You will earn a Final Grade based upon the Sum of your performances on the 4 Quizzes, 2 Midterms, Final, Webassign/Cengage Graded Homework, and the number of absences (multiplied by -1 point/absence).

   Example:

   4 Quizzes: a total of 10 of 12 possible points earned,

   2 Midterm Exams: a total of 26 of 34 possible points earned,

   Final Exam: a total of 35 of 39 possible points earned,

   Cengage/Webassign Homework: a total of 12 of 15 possible points earned

   Attendance: 2 missed classes = 2*(-1)= -2 points

   Total Points Earned: (10+26+35+12) - 2 = 81 (Equivalent to a B-)

6. **Topics Covered.** We will cover the following material on Essential Calculus 2nd Edition by Stewart. We will be covering selected topics that pertain our class.

   - Chapter 3, Section 7: Antiderivatives and Appendix B: Sigma Notation;
   - Chapter 4 Sections 1-5. Integrals (including: Areas and Distances, Definite Integrals, Evaluating Definite Integrals, Fundamental Theorem of Calculus, Substitution Rule).
   - Chapter 5 Sections 1-8. Inverse Functions (including: Exponential, Logarithmic, and Inverse Trigonometric and Hyperbolic Functions, L'Hospital's Rule)
   - Chapter 7. Sections 1-5, 7. Applications of Integration (including:Areas between Curves, Volumes, Volumes by Cylindrical Shells, Arc Length, Area of a Surface of Revolution, Differential Equations)

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7. The Mathematics Department offers free tutoring in Kiely Hall 331. Please click the link for details.

8. **Assessment Policy.** All assessments (4 Quizzes, 2 Midterms and the Final Exam) will be in-Person. All Quizzes will require your participation in Person and use of DropBox. At the end of the Assessment you may have to upload your work done during the assessment to the dropbox File Request links below. The deadline for the uploads is typically accounted for the total time of the Assessment being given. Late uploads will be penalized. Questions with a solution but no work shown will be worth 0 points. In Case of the Missed Assessment you will receive half of the lowest grade attained in the Assessment by your peers (i.e.: if lowest grade in the assessment is 10 points a student who misses said assessment will receive a grade of 5).

9. **Dates of Interest.** **No Class** will take place on **February** 21^{st} as the College follows a Monday Schedule. Spring Recess takes place from **April** $5^{th} - 13^{th}$. Finals Week **May** $17^{th} - 23^{rd}$.

10. Please abide by the CUNY Academic Integrity Policy.

11. **2023 Spring Semester Quiz and Examination Dates.**

    File Request Dropbox Link: **Quiz 1 - February 9^{th}**.

    File Request Dropbox Link: **Quiz 2 - February 28^{th}**.

    File Request Dropbox Link: **Quiz 3 - March 23^{rd}**.

    File Request Dropbox Link: **Quiz 4 - April 20^{th}**.

    Midterm 1 **March 9^{th}.**

    Midterm 2 **May 4^{th}.**

    Final Exam **Friday, May 19^{th} 8:00AM-10:30AM Departmental Final Exam.**

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