Single Variable Calculus  Math 10B

General Information

Course Web Site
www.math.ucsd.edu/~jverstra/10B.html

Instructor
Jacques Verstraete

Office Hours
AP&M 6250 MWF 1330-1430
or by request

email
jacques at ucsd dot edu

Course Book
Calculus, fourth edition
Hughes-Hallett, Gleason, McCallum
Paperback version suffices for Math 10A-10B
Hardcover version for Math 10A-10B-10C
Course schedule

The main general topics covered are

- **Definite Integrals** (Chapter 5)
- **Antiderivatives** (Chapter 6)
- **Integration** (Chapter 7)
- **Applications** (Chapter 8)
- **Differential Equations** (Chapter 11)

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<th>Wednesday</th>
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<td>31-04 Apr</td>
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<td>07-11 Apr</td>
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<td>14-18 Apr</td>
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<td>21-25 Apr</td>
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<td>5</td>
<td>28-02 May</td>
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<td>6</td>
<td>05-09 May</td>
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<td>Short Quiz</td>
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<td>19-23 May</td>
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Exams & Grades

Final grade composed as follows

10% Assignments
40% Midterms
50% Final

You are required to pass the final to pass the course.

First midterm
Friday 25th April, Center Hall 115, 3pm - 345pm

Second midterm
Friday 22nd May, Center Hall 115, 3pm - 345pm

Final exam
Wednesday 11th June, Center Hall 115, 3pm-6pm
Additional Information

Calculators: A graphing calculator, preferably a TI-83, is recommended. Help with using TI graphing calculators will be available in the Calculus Tutoring Lab. You may use any calculator you wish during exams; however, you will be expected to show all work leading to a solution. No credit will be given for unsupported answers obtained directly from your calculator.

Homework: Homework will be assigned on the course web page and should be completed by the class on the indicated due date. Your homework will constitute five assignments, each consisting of a handful of questions which will be marked and make up ten percent of your final grade. You should make every effort to complete the homework assignments and seek help with problems you have not been able to solve. You can get help with the homework assignments in the Calculus Tutoring Lab (APM B402).

Lecture: Attending the lecture is a fundamental part of the course; you are responsible for material presented in the lecture whether or not it is discussed in the textbook. You should expect questions on the exams that will test your understanding of concepts discussed in the lecture.

Reading: Reading the sections of the textbook corresponding to the assigned homework exercises is considered part of the homework assignment; you are responsible for material in the assigned reading whether or not it is discussed in the lecture.

Midterms and Final: There will be no makeup exams. You are required to pass the final exam to pass the course.