

Math 191: Single Variable Calculus I

University of Prince Edward Island

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Section

191B
191D

Lectures

MWF 9:30-10:20 a.m. in MCDH 243 & T 1:00-1:50 p.m. in HSB 104
MWF 10:30-11:20 a.m. in MCDH 246 & Th 2:30-3:20 p.m. in MB 117

Text Calculus: Early Transcendentals (2nd edition) by Briggs, Cochran and Gillett

If you are planning on taking only Math 191 and Math 192, you should consider buying the thinner (Single Variable) version. If you are planning on going on to Math 291, you should buy the thicker version. In the UPEI bookstore, both these versions come with an access card to MyMathLab, which is required for the course (for \$143 and \$224). Alternatively, you could forego the hard copy altogether, and just buy the access card (for \$93), which also gives you access to an e-version of the book.

Prerequisites: Grade XII Academic Mathematics and a passing grade on the Assessment Test

Course Outline: An introduction to Differential and Integral Calculus, including the following:

1. Limits.....Sections 2.1-2.6
2. Derivatives.....Sections 3.1-3.11
3. Applications of Differentiation.....Sections 4.1-4.9
4. Integration.....Sections 5.1-5.5

Method of Evaluation:

There will be weekly online assignments completed using MyMathLab. On any MyMathLab assignment you have three attempts per question to submit the right answer before it is marked incorrect. MyMathLab assignments are due at 11:59 pm on the assigned date. Additional practice problems from the book will be assigned but are not to be handed in for marking. There will be four quizzes, which will often consist of questions similar to those from the MyMathLab assignment or the additional practice problems. There will be two Midterm Tests. There will be a Final Exam held during the regular exam period of December 9 to December 18 as scheduled by the UPEI Registrar. The breakdown of the grading scheme is as follows:

Assignments.....	15%
Quizzes.....	15%
Midterms.....	30%
Final Exam.....	40%

MyMathLab:

Besides being the site where you do your assignments, the MyMathLab site will also be the location where all course documents will be posted, where you can access supplementary materials and resources, where course announcements will be posted, where you can find an e-version of the textbook, and where your grades will be posted.

Electronic devices:

In keeping with Department of Mathematics and Statistics policy, students writing mathematics quizzes, tests, or examinations are allowed to use an ordinary non-programmable, non-graphing basic scientific calculator (unless otherwise informed). Students are not allowed any other electronic devices.

Academic Integrity:

It is expected that any work submitted for grading is your own work. If not, this is academic dishonesty and subject to serious sanction. The university regulation concerning academic dishonesty is at:
www.upei.ca/registrar/reg20

Assessment Test:

Students must take an Assessment Test for Math 191. Students who do not pass the assessment test can stay in their current section of math 191, but must also enroll in a special tutorial section with extra time spent on background material. Attendance is taken at each tutorial (attendance is mandatory). The Assessment Test covers preCalculus material only. Students must sign up for, and write the Assessment Test at one of the assigned times outside of class time. Test schedules and test rules, signup sheets, and a practice test are available at:
www.smcs.upei.ca/help/mhc

Math Help Centre:

In basement of the Cass Science Hall (Cass 105), the Department of Mathematics and Statistics operates a Math Help Centre where first-year and second-year students can get help with mathematics problems. It is open Monday to Thursday from 1:00-5:00 pm.