

MT100: Calculus I

Course Logistics

Who, What, When, Where:

Instructor: Michael King

- Office: Carney 357
- Office Hours: MW 2 - 3, T 10 - 11
- email: michael.king.1@bc.edu

Teaching Assistant: Toussaint Towa

- Office: Carney 366
- Office Hours: MW 3 - 4 or by appointment
- email: towa@bc.edu

Section Times and Locations:

Section Number	Thursday	Where
MT12601	11 am	Carney 206
MT12701	Noon	Carney 206
MT12801	2 pm	Carney 303
MT12602	4 pm	Carney 302

Textbooks:

(Required) *Single Variable Calculus: Early Transcendentals*, by Rogawski

- Available at the bookstore and online.
- This course will cover Chapters 1–4.
- If time permits, we will also cover the beginning of Chapter 5.

(Recommended) *Just-In-Time Algebra and Trigonometry for Students of Calculus*, by Mueller and Brent

- Available online.
- If your algebra skills are not polished, you should buy this book!

Course Webpage:

<http://www2.bc.edu/~kingdw/MT100/>

- Everything in the course (announcements, homework assignments, test information, course policies, etc.) will be mirrored on the webpage, so bookmark it and check it frequently.
- Handling the logistics of 150 students is not so pleasant. If you email me and ask a question whose answer is on the webpage, I will probably not respond. And I will think less of you as a human being.

Graded Work:

Overview: This course will have:

- Weekly homework assignments, due on Fridays.
- Three in-class midterm exams, also on certain Fridays.
- One final, 2.5 hour exam.
- Homework will NOT be due on midterm days. We have 12 Fridays (excluding the first week), so there will be 9 homework assignments.

Homework Information:

I have 150 students this semester and only one grader. Therefore, I have to restrict the homework assignments to 5 problems per week. Assignments will appear on the web, at least a week in advance.

HOWEVER, to succeed in this course you need to do many more than 5 problems per week, so I will also post a number of suggested problems, related to each lecture. It is crucial that you attempt as many of these problems as possible, and come to office hours and discussion section and ask questions.

As an added incentive to work on the suggested problems, I guarantee that many of the exam problems will closely mirror certain of the suggested problems. If you have completed most of these problems, you should be well prepared for the exams.

Homework Logistics:

On Friday, please turn in homework at the front of the classroom before lecture begins. There will be four piles, one for each section, so you need to **KNOW YOUR SECTION NUMBER** (e.g. MT12601). To get credit on your homework, you **must** do the following:

- Write your name and section number at the top of the front page.
- Staple your homework (if it is multiple sheets).
- Be reasonably neat and legible. Unreadable homework will receive no credit.
- Show your work. A correct answer without work or justification will receive no credit.

Late Homework:

Late homework is **NOT** accepted, unless you are away on school business or sick. In those cases, I will need a note from a Dean, coach or doctor.

I will drop the lowest homework grade, so if there is one week you can't get the homework done, it won't count against you.

If you know you won't be in class one Friday, feel free to turn in the homework early, either in lecture on Wednesday or section on Thursday or in my mailbox (in the math department on the third floor of Carney) or under my office door.

Exam Information: The three midterm exams will be in-class 50-minute tests. You may use a graphing calculator, but not one of the fancy calculators (like a TI-89) that will do algebraic manipulations and derivatives and integrals.

In addition, on the final exam you may use a “cheat sheet”, the front and back of one $8\frac{1}{2}$ ” by 11” piece of paper.

Exam Dates:

- First Midterm: Friday, September 26 (the drop deadline is 10/1)
- Second Midterm: Friday, October 24
- Third Midterm: Friday, November 21 (withdrawal deadline is 12/1)
- Final Exam: Thursday, December 11 at 4 pm (location TBA)

Put these in your calendar now! You must plan your travel arrangements around these dates. The only valid excuses for missing an exam are a family-related crisis or a serious health problem. If this is the case, you will need a note from the appropriate Dean or University Health Services official. If you cannot attend an exam because of a BC athletic contest, you must notify me at least two weeks in advance.

Grading Breakdown:

- Homework: 10%
- Midterm Exams: 20% each
- Final Exam: 30%

Other Information:

Overrides:

If you are not officially registered for this course, I can't help you. You have to go to Michelle Matel in the math department (her office is Carney 318) and make your case to her.

Are you in the right course?

If you are not sure that you are in the appropriate level of calculus, please consult the "Math Course Selection and Advice" page at <http://www.bc.edu/mathadvise/>. You are also welcome to discuss the matter with me, and, if necessary, I can refer you to the math department's Undergraduate Teaching Chair.

Academic Integrity:

Boston College's policies regarding academic honesty apply to this course and will be strictly enforced. The university's policy is given at: <http://www.bc.edu/integrity>.

Tutoring Info:

I know of at least three resources on campus for tutoring help for calculus, and there may well be others:

- The Math Department sponsors a free drop-in tutoring center in Carney 309, which is open Monday to Thursday, 10 am to 3 pm.
- The Connors Family Learning Center in O'Neil Library has free tutoring. Check <http://www.bc.edu/libraries/help/tutoring/faqs.htm> for more information.
- The Office of AHANA Student Programs had calculus tutoring last semester on Monday and Wednesday evenings. Hopefully they will have something similar this semester.