

Math 101: Calculus II  
Fall 2014

**Instructor:** Luke Cherveney

**Email:** cherveney@bc.edu

**Course Website:** Material will be posted to Canvas

**Office:** Carney Hall 214

**Office Hours:** M 12:30-1:30, W 1:30-2:30, F 12:30-1:30, by announcement  
Thursdays, or by appointment

**TAs:** Kyle Hayden (kyle.hayden@bc.edu) and Tom Cremaschi (tommaso.cremaschi@bc.edu)

**TA Office Hours:** Kyle (in Carney 370): M 2:30-3:30, W 12:30-1:30, R 10-11;  
Tom (in Carney 358): T 1-2:30, R 1:30-3.

**Textbook:** Rogawski's *Single Variable Calculus: Early Transcendentals*, 2nd ed.

**Topics Covered:** Roughly Chapters 5-7 and 9 of the text, with a few omissions.

**Grading:** Your grade will be determined by the following scheme:

Homework	12%
Best Midterm	20%
Other Midterms	$16\% \times 2 = 32\%$
Final	36%

All grades will be recorded on Agora/Canvas. Please check it regularly to confirm the correct scores were entered. If there are any concerns about grading, please see me within one week of getting the assignment back, and before the final.

**Homework:** Homework will be assigned weekly and generally be due on Fridays. Homework turned in after lecture ends on the day it is due will be subject to 25% penalty, and late homework will not be accepted more than one lecture past the due date. Assignments will be posted online weekly, and the lowest score will be dropped.

Format for homework:

- Homework is only accepted in hardcopy on 8.5 x 11-inch paper.
- Put your name on the front along with your discussion section.
- Multiple pages must be stapled together. No loose pages, no folded corners!
- Problems should be in order.
- To earn full credit, your work must be complete and neat. Another student in the class should be able to follow it easily, without filling in gaps or struggling to read.

**Midterms:** There are three in-class midterms. They are scheduled for **Wednesday, Sept. 24th**, **Wednesday, Oct. 22nd**, and **Friday, Nov. 14th** and will be closed book with no notes or calculators. There are no make-up midterms. In the event of a university-approved excuse, a missed midterm's weight will be split equally between the other two midterms and the final.

**Final:** There will be a cumulative final **Tuesday, December 16th at 4:00pm**. You may not take the final early!

**Calculators:** No calculators will be allowed on any of the midterms or the final. You might at times find a scientific calculator useful on some homework problems, but google or a phone calculator would also work. I would not recommend buying a graphing calculator specifically for this class.

**Discussion Sections:** Everybody should be registered in a section of Math 141. These discussions meet on Thursdays for one hour and are taught by the teaching assistants. The TAs will do some summary/review (focusing on the sections covered on that week's homework), and work some standard questions as well as problems exploring the concepts. New material will not be introduced. Also, the TAs are not going to work the homework questions (although they will work problems quite similar to the HW). Homework and midterms will be returned to you in discussion.

**Academic Integrity:** You should be aware of the university's [policies on academic integrity](#). On homework, you may (and are encouraged to) work with other students in the class. However, your write-up must be your own. On exams, cheating is much easier to catch than students realize! It will be dealt with according to university policy, so please do not try; at the minimum, you should expect a zero on the exam and referral to the dean.

**Classroom Etiquette:** *Please* arrive on time. Latecomers distract other students and interrupt lecture. The same goes for leaving in the middle of lecture, for any reason. If you *must* arrive late or leave early, sit at the back near the door. *Please*, all cell phones, tablets, laptops should be turned off and put away during lecture!

**Students With Special Needs:** If you have a [documented need for special accommodation](#), please see me early in the semester. I will do everything I can to help.

### Common Questions:

- Q: How should I address you?  
A: Luke or Professor (whichever you're comfortable with, I don't mind). Professor Chervený or Dr. Chervený are also good. Wrong/weird/disrespectful: Dr. Luke, Mr. Chervený, Professor \*your chem professor\*, hey you.

- Q: I'm going to miss lecture. What should I do?  
A: You don't need to let me know. It is your responsibility to get notes from a fellow student.
- Q: Office hours are new to me. What are they?  
A: Office hours are when the instructor and TA are available to answer questions or to talk about course-related issues. It's not lecture, so you should come prepared with questions. You should also know that it can be quite busy, so if you've fallen behind it's not a good place to catch up (although it *is* a good place to figure out a plan to catch up).
- Q: What's my grade right now?  
A: I'm not sure—the final grades will be curved. The department has guidelines for curving to make sure different semesters are comparable. There is also some flexibility since sometimes grades group together or the grade distribution is irregular. For each midterm, I will announce approximately what scores correspond to an A, B, etc.
- Q: What do I need to do to make an A?  
A: You need to perform well on the exams, which will consist of a mix of straightforward calculation, word problems, and questions testing concepts/understanding. There will be a mixture of difficulty to the problems as well—the 'A' students will generally do well on everything.
- Q: What should I do to fail this class?  
A: Fall behind and not make extraordinary effort to catch up. The material is cumulative and requires constant study/practice; not putting in regular effort from day one is a good start toward a bad grade. Some signs that you're falling behind: you can't do the practice problems during lecture; the homework questions don't make sense; you think you might be falling behind.
- Q: Can I do something for extra credit?  
A: There are no opportunities for extra credit.
- Q: I think I lost too many points on this. Can you give me some back?  
A: I'm always happy to explain mistakes, but unless there was an actual error in grading, I will always defend the grader's awarding of points. Besides, all the other papers were graded the same way.
- Q: What resources are there outside of lecture?  
A: My office hours and your TA's office hours; **free tutoring** in Carney Hall, Room 309 (provided by the math department); **free tutoring** at the Connors Family Learning Center in O'Neill Library (provided by the university); private tutoring/tutors for hire. Our class largely follows the AP Calculus AB curriculum, for which there is a large amount of study guides and online help.