

## Section H02 Syllabus

Welcome to MAT175 Calculus I at Lehman! Below is some information specific to our section of the course. Please see the Uniform Syllabus in the Course Information folder on Blackboard for a course description, the course objectives, and a course calendar.

1. **What is Calculus?** One brief way of describing it is this: Calculus is a set of mathematical tools that help us to better understand (model, predict) the physical world around us. It has numerous applications in STEM (Science, Technology, Engineering, Mathematics). For example, Calculus played a key role in the discovery and analysis of how to send and receive signals, such as those produced by cell phones when making calls or sending text messages.

*“We will always have STEM with us. Some things will drop out of the public eye and will go away, but there will always be science, engineering, and technology. And there will always, always be mathematics.”* – Katherine Johnson, NASA

2. **Communication:** I want to do everything I can to help you to be successful in this course, so please let me know whenever you have a question or concern; usually I will respond to email within 24 hours. Here is my contact information:

- Instructor: Brian Wynne
- Office: Room 104 in Gillet Hall
- Email: [brian.wynne@lehman.cuny.edu](mailto:brian.wynne@lehman.cuny.edu)
- Phone Number: 718-960-8871
- Office Hours: In-person TuTh 4 PM – 5 PM (Room 104 Gillet Hall), or online by appointment

3. **Class Meetings:** Class meetings, TuTh from 2–3:40 PM, will be held in-person in Room 225 of Gillet Hall and simultaneously recorded online via Zoom. You should attend every class, but I understand that is not always possible. If you do miss a class, make sure to watch the recording on Blackboard and to let me know if you have any questions. I believe the best way to learn math is to spend time practicing it, so our classes will follow a “flipped classroom” approach, which means that much of class time will be spent working on problems together. I encourage everyone to participate in class so that we can all benefit from the questions, insights, and experiences that each person brings.

4. **Getting Help:** I believe that each of you has the ability to succeed in this course. Calculus can be difficult, so asking for help is completely normal. I highly encourage you take advantage of all of the following support opportunities:

- Ask questions in class!
- Meet with me during my in-person office hours (see above).

- Make an appointment to meet with me online via Zoom or Blackboard Collaborate Ultra or by phone (my office number is above).
  - Work with tutors at the Math & Stats Student Support Center, which is open for drop-in visitors on Monday through Wednesday from 11 AM to 7 PM in Room 233A of Gillet Hall.
  - Talk/study with your classmates.
  - Links to free Calculus videos can be found in the Course Materials folder on Blackboard.
5. **MyLab:** To access the e-textbook and homework for this course, you must register and pay for MyLab, a math learning tool managed by the media company Pearson. A document with instructions on how to register for MyLab is available in the Course Information folder on Blackboard. For those that prefer to read a hard copy of the textbook, you can either buy a copy (online or in the bookstore) or you can borrow (for up to 2 hours) a copy that is on reserve in Lehman library. The tutors in the Math Learning Center (Room 233 Gillet) can assist you with using MyLab; you are also welcome to ask me if you have questions about it.
6. **Reading:** For each lesson that covers new material, there will be an associated reading assignment in the textbook. I know that reading math books can be challenging and frustrating, but I believe that the deepest learning happens when you combine different types of studying, such as participating in class, reading, and working exercises. Also, many jobs, especially those in STEM fields (Science, Technology, Engineering, Math), require technical reading skills, which is what you are developing when you spend time doing the assigned reading. So please do your best to attempt the reading; at the very least, it may raise questions that you can then bring up in class or in office hours.
7. **Homework:** For each lesson that covers new material, there will be a corresponding homework assignment in MyLab consisting of exercises that are similar to what was covered in class. I have set up MyLab so that you may work the same problem repeatedly until you get it right; however, if you get stuck on a problem, contact me or go to the Math Lab for help. To prepare for the exams, I highly recommend that you keep a hand-written record of how you successfully solved each homework problem. Do your best to complete the assignments for Lessons 1 – 7 before the first exam, those for Lessons 10 – 20 before the second exam, and all assignments before the final exam. The absolute deadline for all homework is midnight on Sunday, December 18.
8. **Grading Policy:** Your overall course grade will be based on the following assessment tools:
- Homework (20%): Weekly
  - First Exam (25%): In class on Thursday, September 22
  - Second Exam (25%): In class on Thursday, November 17
  - Final Exam (30%): 2 PM – 4 PM on Thursday, December 15

If you need help understanding how your grade will be determined, please let me know.

9. **Exams:** All exams will be held in-person. The problems on exams will be highly similar to problems from class and the homework, so attending class and completing as much of the homework as you can before an exam will help you to do well. While you are studying, keep in mind that you will be asked to show all your work on the exams. To understand exactly what you need to show to earn full credit for each type of problem, see the sample solutions given in class and/or ask me about it.
  
10. **Accommodating Disabilities:** Lehman College is committed to providing access to all programs and curricula to all students. Disabilities are not a reflection of who you are, but of how your brain or body works. If you know or think that you have any learning or physical disabilities, please contact the Office of Student Disability Services, Shuster Hall, Room 238 (phone number 718-960-8841). That office will then notify me of needed accommodations, such as additional testing time, note taker, etc.