

Calculus I

This is the first in a sequence of four courses for students who are planning to major in engineering, mathematics, or the sciences. Graphical analysis of concepts is emphasized through the use of technology. Topics include limits and continuity, and derivatives and their applications.

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Office Hours: Monday-Friday 8:30-9:20 a.m. In addition to my scheduled office hour, you may stop by at any time or make an appointment to meet with me. You may also contact me by email or phone. You are responsible for all course material; if you do not understand a concept or problem please don’t hesitate to ask a classmate, a tutor, or me.

Text: Calculus: Early Transcendentals, second edition by Briggs, Cochran, Gillett, and Schulz. A MyMathLab access code is required for the course. You may choose to use only the interactive ebook through the access code or you may choose to purchase a hardcopy of the book to use along with the access code. This book is used for MATH& 151, 152, 153, and 254 and the access code is valid for the life of the book. This course requires that you actively work through each section of the book that we cover—your success depends on you taking control of your learning and working toward true understanding.

Technology: In addition to MyMathLab, access to graphing technology is required. The mathematical software Mathematica is installed on the computers in our classroom and WWCC has a site license that will allow students with a valid WWCC email address use of Mathematica on a personal computer. You will not need access to graphing technology during exams; in fact, only a non-graphing scientific calculator will be allowed for testing. Non-calculus computer activity as well as cell phone use are prohibited during class.

Email: Use your WWCC student email account to communicate with me electronically. This prevents your email from landing in my junk mail and I can easily identify the sender. Communicating within our own system provides confidentiality and a method for me to efficiently email the entire class. To activate your student email account, go to the WWCC Homepage and select Student Email at the top of the page.

Attendance: Daily, punctual attendance is expected. If you should miss a class, you are responsible for all announcements made concerning the course, for the material discussed in class, and for all assigned tasks. Cell phone use (this includes text messaging) is not allowed during class. If you are using your phone during class, you will be asked to leave for the remaining portion of class—you will not be allowed to make up any missed points.
**Homework:** Homework will be assigned and submitted in MyMathLab. For each section, you will have two homework assignments. The first is labeled “Practice” and the second is labeled “Skills Check.” MyMathLab help options will be available for Practice problems; however, the help will be turned off during the Skills Check. The purpose of the Skills Check is to encourage you to solve problems independently, without reliance on MML resources. Practices will be worth 60 points and Skills Checks will be worth 30 points of your final grade. Submit your written work for the Practice and Skills Check problems the day after the assignment is due; this written work will total 60 points of your final grade. *If your written work is not completed on graph paper and formatted as specified online, it will not be accepted. No late homework is accepted;* however, I will drop your lowest two homework scores at the end of the quarter. Plan to spend a solid two hours every day reading, studying, and working through problems. I encourage you to work in groups and to obtain help from the Tutoring and Learning Center in Room 244. Keep in mind, in the end, YOU must understand the course material and to be able to solve problems independently.

**Quizzes:** Quizzes, announced and unannounced, will be worth 100 points of your final grade. *No late quizzes will be given;* however, your lowest quiz score will be dropped.

**Exams:** There are three exams prior to the final, each worth 100 points. You must show all work on exams, including explanation in words where appropriate. If you must miss an exam for a WWCC-related function, contact me at least one week in advance to make proper arrangements. In the extremely rare case that you should miss an exam for other reasons, unless physically impossible, you must contact me before the exam to request approval to take the exam at another time. Cell phones, headphones, graphing calculators and sharing calculators are prohibited during exams.

**Final Exam:** The final exam is comprehensive and is worth 150 points. The final exam will be given Tuesday, December 9, 10:30-12:30. Taking the final exam on a day other than that scheduled must be arranged in writing through the Vice President of Instruction.

**Evaluation:** Your grade will be calculated by dividing the points you have earned by the points possible. Your grade will be determined from the following scale: A: 93-100, A-: 90-93, B+: 87-90, B: 83-87, B-: 80-83, C+: 77-80, C: 73-77, C-: 70-73, D+: 67-70, D: 60-67, F: 0-60

**Notes:** To request accommodations related to a disability, contact Claudia Angus, Ph.D., Coordinator of Disability Support Services, at 527-4262 or email claudia.angus@wwcc.edu.

Academic dishonesty (cheating) is not tolerated and will result in a 0 grade. Do not hesitate to ask questions in class or in my office. It is essential that you consistently put forth the effort and the put in the practice necessary to succeed, beginning today. You learn math by doing math!