

MAC 2311: Calculus I, Section U02

Fall 2018

Instructor: Thomas Leness, DM 414A

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Office hours: MF 11am-12:30pm or by appointment.

Textbook: Hass, Heil, and Weir, *Thomas' Calculus, Early Transcendentals*, 14th edition, Pearson. You will also need to purchase access to MyLabsPlus. This text is packaged with MyLabsPlus access code and the ISBN for the value pack is: ISBN is 0135430909 or 9780135430903. The access code for the MyLabsPlus as a standalone item (without textbook) can be purchased in FIU bookstore or while attempting to use the program; the ISBN is 0135420687 or 9780135420683.

Learning objectives: Upon completion, students should demonstrate:

- (1) Strong computational skills of limits, derivatives and basic anti-derivatives;
- (2) Good understanding of the major concepts of the course (limits and continuity, differentiation, basic anti-derivatives) and the ability to use these in applications and solving problems;
- (3) Proficiency in logic, inductive and deductive reasoning as shown by the ability to comprehend and reproduce basic proofs.

Pre-requisites: A grade of C or better in Precalculus Algebra and Trigonometry, MAC 1147, or equivalently a grade of C or better in both courses Precalculus Algebra, MAC 1140, and Trigonometry, MAC 1114. For students with no prior college coursework, an appropriate score on the ALEKS placement assessment can be used. To succeed in Calculus 1, students are assumed to have essential skills in algebra and in trigonometry. The following link contains pre-calculus review problems and students are strongly encouraged to prepare and refresh their skills by doing all the review problems prior to the start of the term:

<https://mathstat.fiu.edu/useful-information/math-resources/calculus-ii/precalculus-trig-review.pdf>

Organization of the course: The course consists of the following components:

- Two lectures a week. Attendance is mandatory. If you cannot make it to class, you are responsible for finding out what happened in class that day and learning the material from the textbook or notes of other students.
- Online homework assigned on MyLabsPlus following each lecture and due the day of the next lecture. This homework will count for 10% of your grade.
- Weekly quizzes given each Friday at the end of class, worth 10% of your grade.
- An in-class 50 minute diagnostic test during the second week of class.
- Three in-class tests, each worth 20% of your grade.
- A cumulative final exam, worth 20% of your grade.

Grading: Your grade will be determined by the three in-class tests, the MyMathLab assignments, the weekly quizzes, and the final. These will be given the following weight:

- Each in-class test: 20 points.
- MyMathLabPlus: 10 points.
- Weekly quizzes and the diagnostic: 10 points.
- Final: 20 points.

The following percentage of the above 100 points guarantees at least the associated grade:

≥ 90 : <i>A</i>	80 – 84 : <i>B</i>	65 – 72 : <i>C</i>
88 – 89 : <i>A–</i>	78 – 79 : <i>B–</i>	50 – 64 : <i>D</i>
85 – 87 : <i>B+</i>	73 – 77 : <i>C+</i>	0 – 49 : <i>F</i>

Make-up policy: There will be no make-up tests or quizzes. You must have a documented medical or professional reason to be excused from a test. If you are excused from a test, that percentage of your grade will be made up on the final. If you are excused from a quiz or in-class worksheet, your quiz and worksheet score will be determined by the averages of your remaining scores. Once you have started taking a test or quiz, you cannot be excused from that test. You may not be excused from the final.

Calculator: You may use one for your homework, but generally won't need one. You will not be allowed one (of any kind) during tests, exams, or quizzes.

MyLabPlus: You must register with MyLabPlus to complete the online homework assignments. We may also use this system for letting you know your other grades in the class. If you buy the textbook at the bookstore, it should come with an access code. You can also purchase an access code (if you don't want to buy the physical textbook) at the MyLabPlus website. To log on, use your PantherID and the password that was emailed to you. The website is:

fiu.mylabsplus.com

Please be aware that if you purchase an access code from some website other than Pearson, it may not have the correct ISBN code for this course.

Important dates:

- Last day to drop/withdraw with 25% tuition refund: Sept. 16th
- Last day to drop with a DR grade (but no refund): Oct. 31st.
- Estimated test dates: Test #1 09/24, Test #2 10/22 Test #3 11/31.
- Final exam: Friday, December 7th, 7:30am-9:30am in GC 287B.

Tutoring:

- Free Tutoring (including online): <http://mathstat.fiu.edu/useful-information/math-resources/>
- Mathematics tutoring in Green Library (GL 129) MTWR 9:00-20:00, F 9:00-17:00, Sat 9:00-15:00

Accessibility and Accommodation: The Disability Resource Center collaborates with students, faculty, staff, and community members to create diverse learning environments that are usable, equitable, inclusive and sustainable. The DRC provides FIU students with disabilities the necessary support to complete their education successfully and participate in activities available to all students. If you have a diagnosed disability and plan to utilize academic accommodations, please contact the Center at 305-348-3532 or visit them at the Graham Center GC 190. For additional assistance please contact FIU's Disability Resource Center:

<https://studentaffairs.fiu.edu/get-support/disability-resource-center/>

Academic Misconduct: You are responsible for being familiar with the university's Code of Academic Integrity.

Florida International University is a community dedicated to generating and imparting knowledge through excellent teaching and research, the rigorous and respectful exchange of ideas and community service. All students should respect the right of others to have an equitable opportunity to learn

and honestly to demonstrate the quality of their learning. Therefore, all students are expected to adhere to a standard of academic conduct which demonstrates respect for themselves, their fellow students, and the educational mission of the University. All students are deemed by the University to understand that if they are found responsible for academic misconduct, they will be subject to the Academic Misconduct procedures and sanctions, as outlined in the Student Handbook.

Academic Misconduct includes:

- Cheating: The unauthorized use of books, notes, aids, electronic sources; or assistance from another person with respect to examinations, course assignments, field service reports, class recitations; or the unauthorized possession of examination papers or course materials, whether originally authorized or not.
- Plagiarism: The use and appropriation of another's work without any indication of the source and the representation of such work as the student's own. Any student who fails to give credit for ideas, expressions or materials taken from another source, including internet sources, is responsible for plagiarism.

To learn more about the academic integrity policies and procedures visit <http://integrity.fiu.edu/>