

MAC 2311: Analytic Geometry and Calculus 1

Fall 2017

Location: LIT 125
Time: TR 5:10pm-7:05pm
Instructor: Michael Hull
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Office: LIT 452
Office Hours: R 1pm-3pm

Course Description

Introduces analytic geometry; limits; continuity; differentiation of algebraic, trigonometric, exponential and logarithmic functions; applications of the derivative; inverse trigonometric functions; differentials; introduction to integration; and the fundamental theorem of calculus.

Textbook

Calculus, Early Transcendentals, 8th edition, by Stewart. There is a loose-leaf print version (\$50.00) of the textbook available at the UF Bookstore.

Homework

Students will be assigned to complete practice problems at the end of each section. The practice problems will be posted online here:

<https://people.clas.ufl.edu/mbhull/mac-2311-f2017/>. Practice problems will not be collected or graded.

Quizzes

There will be a quiz once a week. Each quiz will be based on recently assigned practice problems. Students will be allowed to drop their 2 lowest quiz grades.

Exams

There will be 2 in-class midterm exam and an optional cumulative final exam. The midterms will be tentatively scheduled for 10/5 and 11/30. The final exam will be 12/12 from 5:30-7:30 pm. Students who expect to have conflicts with the exam times should make arrangements with the instructor as soon as possible. Make-up exams will only be given under extraordinary circumstances.

Grades

Students who choose not to take the final will have their grade computed as follows:

Quizzes:	40%
Midterms:	60%

Students who take the final exam will either receive their grade on the final exam as their grade for the course or will have their grade computed as above, whichever is higher.

Final letter grades will be assigned according to the standard scale: 93-100 A, 90-92 A-, 87-89 B+, 83-86 B, 80-82 B-, 77-79 C+, 73-76 C, 70-72 C-, 67-69 D+, 63-66 D, 60-62 D-, 0-59 E.

Disability Accommodation

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation

Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu> during the last two or three weeks of the semester. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.