

Math 135A–Honors Accelerated Calculus

Winter 2020

M-F 11:30 SIG 226

Instructor: Monty (or William) McGovern, C-450 Padelford, phone 543-1149, email mcgovern@math.washington.edu.

Office Hours: MWF 12:30 or by appointment; TA office hours Th 12:30-2:30.

Websites: <http://www.math.washington.edu/~mcgovern/135wi20> (lecture summaries), <http://www.math.washington.edu/~mcgovern/135.html> (info, schedule)

Grader: Julie Zhang, C-115, jyzzhang@uw.edu.

Texts: *Calculus, One and Several Variables, 10th edition*, by Salas, Hille, and Etgen; *Elementary Differential Equations and Boundary Value Problems, 10th ed.*, by Boyce and DiPrima.

Prerequisite: Math 134 or the equivalent.

Grading and Exams: Your grade will be based on weekly homework, collected on Friday (counting 30%), two midterms, on Friday, January 31, and Friday, February 28 (each counting 20%), and a final exam, on Wednesday, March 18, at 2:30 (counting 30%).

Homework: As before, I strongly encourage you to work collaboratively on homework, but *each of you must write up your final solutions by yourself, in your own words*. If two or more people turn in solutions to an individual assignment that are obviously verbatim or near-verbatim copies of each other, those people will get no credit for the whole assignment. (Of course we realize that there will be many similar solutions to some problems; we're talking about obviously copied solutions here.) Assignments will be posted at the html address given above and collected at the beginning of class on Fridays; homework turned in after class is over will not be accepted except in extraordinary circumstances and (except for emergencies) with advance notice. There will be reading assignments as well as problems to do and you should come to class every day having at least skimmed the reading for that week, being prepared also to study it more thoroughly after I have talked about it in class.

What to Expect: The second quarter of this sequence will concentrate on differential equations and multivariable calculus, covering parametrized curves, sequences and series, and further material on differential equations.