



MAA 4212 (Section 3009)

Time and Location

MWF Period (13:55-14:45) LIT 201

Office hours

M6 W4 F6 (or by appointment)

Text

We shall use Professor McCullough's [lecture notes](#) as a framework; Rosenlicht's 'Introduction to Analysis' (Dover Publications) will serve as an additional reference.

Topics

The second semester of this two-semester sequence will cover the following topics: sequences of functions, including uniform convergence; differentiation, including the mean value theorem and the chain rule; Riemann integration, including the fundamental theorem of calculus; series, including convergence tests; and aspects of 'several-variable' calculus. As was the case in the first semester, the development and sharpening of critical skills (both reading and writing) will be an important part of this course.

Policies

Testing will involve four equally-weighted components: three of these components will be in-class tests at intervals of four weeks or so; the fourth will comprise the best four of six written homework assignments. Grades will be assigned according to the following scale: A 90%, B 80%, C 70%, D 60%, with 3% increments above/below for plus/minus grades. Make-up tests will be offered in case of illness and other such documented reasons. For additional information on policies and related matters, please see the pdf file "Policies plus" at the [Files](#) page.

Homework

Test dates