

# NSC212: Calculus 2

**Credits:** 4

**Level:** Introductory

**Location:** Sci217, MWF 10.30–11.20am

**Instructor:** Matt Ollis, [matt@marlboro.edu](mailto:matt@marlboro.edu)

**Website:** <http://cs.marlboro.edu/courses/spring2020/calc2/home>

**Blurb.** We build on the theory and techniques developed in Calculus. After a recap of the material that will be assumed, we'll start on the “core” of the course, whose topics will be: integration techniques and uses of integration, polar coordinates, complex numbers, and sequences, series and power series. We will cover at least one more topic, or look at one or more of these in more depth, the choice to be determined by the interests of the class.

**Assignments and Grades.** There will be regular homework assignments. The questions to be handed in will be announced on the website and in class during the previous week. The assignments contribute 40% of your grade. There will be three quizzes. Your best two of the three quizzes contribute 10% each to your grade. A final exam contributes 40% to your grade.

Attendance, class participation and prompt submission of homework are expected. Your performance in these areas will influence your final result by up to one letter grade.

**A couple of final comments.** You are expected to be aware of the college's policy on academic integrity and to abide by it. It can be found on the college website, and is linked from the course website. Please come and talk to me if anything is unclear.

This is a four credit course. This means you should be expecting to spend in the region of twelve hours each week (including class time) working on it.