

Calculus 2: NSC212

Time: MWF 9.30–10.20am

Place: Sci217

Level: Intermediate

Credits: 4

Instructor: Matt Ollis

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Website: <http://cs.marlboro.edu/courses/spring2011/calc2/home>

Blurb: This class builds on the techniques and theory developed in Calculus (NSC 515). After a week of review, we'll spend about two weeks each on the following topics: more integration tools and applications; the theory of calculus; polar coordinates and parametric equations; sequences and series; differential equations. Another topic or two, or more in-depth study of one or more of these, will be added according to the interests of the class.

You'll need a copy of *Single Variable Calculus: Early Transcendentals (Vol. 2, 6th Ed.)* by Stewart for readings and homework assignments. It is available in the bookstore.

Grading: Your final grade will be weighted as follows: 20% quizzes; 40% homework assignments; 40% final exam. Attendance, class participation and prompt submission of homework is expected—consideration of these factors will influence your final grade by up to one letter grade. There will be two in-class quizzes during the semester and an optional third quiz during reading days—your best two will be worth 10% each.

What now: If you would like to take the course you simply need to show up for class on Friday. Before then, look back at the material from Calculus and identify the areas where you think you could most use some review.

Academic Integrity: 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.