

MAT 397: Calculus III

Spring 2016

T.A. Information

Name: Caleb McWhorter
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Office Hours: T 12:30–1:30; R 2:00–3:00

Class Information

Time: 8:00–9:20
Classroom: Carnegie 316

Additional individual meetings to discuss course material or any other concerns can be scheduled by contacting me via email, after class, or during office hours. On occasion if I am on campus with free time available, I will post where I can be located along with the times I will be there on my 'Office Hours' tab on my webpage.

Course Description

MAT 397 is the third course in a three-semester sequence in Calculus. This sequence is designed for Mathematics, Science and Engineering majors and for those students in other majors who intend to take advanced courses in mathematics. This course covers the concepts of vectors, vector valued functions, functions of several variables, partial derivatives, multiple integration, and vector calculus.

Course Information

- **Required Text:** *Essential Calculus: Early Transcendentals, Second Edition* by James Stewart.
- **Course Supervisor:** Professor Andrew Vogel. Carnegie 313B, 315.443.1584, avogel@syr.edu

Recitation Expectations

While course material will be covered during lecture hours, your opportunity to ask questions in a smaller group setting occurs during recitations. The beginning of recitation will typically be open to questions anyone has from the lecture hour, textbook, or homeworks followed by discussion or group problems to practice course concepts. Weekly course quizzes occur during the recitation hour, typically at the end of class so your attendance of recitations is essential. While homework is not collected during the course, your doing the problems allows you to ask questions during recitation about any difficulties you may have had in completing the problems. Finally consistent with the class syllabus, cell phones and other electronic devices (with the exception of 'standard' calculators) will not be permitted during recitations.