Advanced Calculus
MATH 125 - B01
Planetary Hall 124
TTh 4:30 - 7:10

Instructor: Brent Gorbutt
Office Hours: Exploratory Hall Room 4462, TTh 3:30-4:20 and by appointment.
Website: http://mason.gmu.edu/∼bgorbutt/125summer17
Contact: bgorbutt@gmu.edu

Course Outline: We will discuss the foundations of discrete math, including sets, functions, induction, counting, and graphs from the text "Discrete Mathematics with Graph Theory" by Goodaire and Parmenter. A more detailed schedule will be availible on the course website.

Grading: Grading will be as follows:

- **Homework - 30%:** 20% will be graded work, 10% will be "class participation."

- **Tests - 50%:** 25% each for a midterm and (non-cumulative) final.

- **Project - 20%:** These will be small group (three people or so) research projects to further explore topics covered in class. I'll provide a list of topics and references and each group will give a roughly half-hour presentation on their topic during the last week of class.

Final Exam: The final exam is scheduled for Thursday the 27th of July from 4:30-7:10pm.

Office of Disability Services: If you are a student with a disability and you need academic accomodations, please contact the Office of Disability Resources at 703.993.2474. Their website is at http://ods.gmu.edu/.

Honor Code: GMU has an honor code administered through the Office for Academic Integrity at http://oai.gmu.edu/.