

**George Mason University**  
**Math 114 - 002**  
**Calculus & Analytic Geometry II**

**Instructor:** Trey Andreani

**Course Time:** MW 1:30-3:20 PM

**Email:** [fandrean@gmu.edu](mailto:fandrean@gmu.edu)

**Course Room:** King Hall 1006

**Office:** Exploratory Hall 4407

**Office Hours:** W 12:15 - 1:15 PM

**Prerequisite:** C or better in MATH 113 or in both MATH 123 and 124.

**Description:** We will cover methods of integration, conic sections, parametric equations, infinite series, and power series.

**Text:** Thomas' Calculus - Early Transcendentals, ISBN: 9780134439020. MyMathLab is not required.

**Technology:** No calculators will be allowed at any point in the course. No phones, tablets, laptops, etc. will be allowed in the classroom. If you violate this policy you will be asked to leave, and will receive a zero on any of that day's assignments.

**Mathematica:** Mathematica is a computer algebra system. Mathematica is free for students to use on personal computers, in the classroom, in computer labs, and on the Virtual Computing Lab. Instructions for downloading and installing Mathematica on personal computers are available at <https://cos.gmu.edu/mathematica>.

**Homework:** Homework will be assigned at the end of each class. Completing the homework assignment is the bare minimum of work you should be doing outside of class. Additional problems are available for those who would like extra practice. Homework will not be collected, but completing it is essential to passing the course.

**Quizzes:** There will be a quiz each week during recitation based on the previous week's homework assignments. I will drop your two lowest quiz scores at the end of the semester. There will be no make-up quizzes under any circumstances.

**Exams:** There will be three exams during the course. You may not leave the classroom during an exam for any reason. Please come to class prepared. Make-up exams will only be given for extreme circumstances, must be accompanied by official documentation, and I must be notified in advance.

**Final Exam:** The final exam will be cumulative. The date and time are set by the university, and are non-negotiable.

**Grading:**

Mathematica Project - 5%    Quizzes - 10%    Exams - 20% x3    Final Exam - 25%

**Academic Integrity:** Violations of the honor code will not be tolerated.

*Student members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.*

**Tutoring Center:** The Mathematics Tutoring Center is located in the Johnson Center room 344. Please see the website for hours of operation.

<http://math.gmu.edu/tutor-center.php>

**Important Dates:**

Classes Begin - January 22

Last Day to Drop with no Tuition Penalty - February 5

Last Day to Drop - February 12

Final Exam - May 8 1:30 - 4:15 PM

**Schedule:** (Subject to Change)

Week Beginning On	Monday	Wednesday
1/21	No Class	6.1
1/28	6.2	6.3
2/4	6.4	6.5
2/11	7.1	8.1
2/18	8.2	8.3
2/25	<b>Exam 1</b>	8.4
3/4	8.5	8.8
3/11	<i>Spring</i>	<i>Break</i>
3/18	10.1	10.2
3/25	10.3	10.4
4/1	<b>Exam 2</b>	10.5
4/8	10.6	10.7
4/15	10.8	10.9
4/22	10.10	11.1
4/29	<b>Exam 3</b>	11.2
5/6	11.3	<b>Final Exam 1:30-4:15PM</b>