Course Syllabus, Spring 2019

Math 114-005, Analytic Geometry and Calculus II

Instructor Jack Love

Office 4453 Exploratory Hall

Office hours TR, 4:00-5:00pm

Email jlove6@masonlive.gmu.edu [Please allow up to 48 hours for response]

Lectures MW 7:20-9:10pm, Robinson Hall B104

Teaching Assistant Calvin Stanley, cstanle@masonlive.gmu.edu

Required text *Thomas' Calculus, Early Transcendentals.* Edition: 14th 18. ISBN: 9780134768496. Please note that MyMathLab access code is optional.

Prerequisites Undergraduate level MATH 113 Minimum Grade of C or Undergraduate level MATH U113 Minimum Grade of T, or, Undergraduate level MATH 123 Minimum Grade of C and Undergraduate level MATH 124 Minimum Grade of C.

Course description Over the term we will learn about applications of integrals, transcendental functions, techniques of integration, differential equations, sequences and series, and parametric and polar curves (Chapters 6-11).

Exams Tests must be taken on the given dates. There will be four exams during the semester and a comprehensive final exam at the end of the term. NO make-up exams will be given. No calculators, phones, notes, etc. are allowed on exams. You need to have your GMU ID to take exams.

Recitation During recitation you will work in groups on homework problems.

Homework Homework will be assigned from every section we cover. Homework will not be collected or graded. However, all exam problems will be taken directly from assigned homework problems, and the homework forms the basis of all lecture and recitation material.

Grading There are 700 points possible in the course. Each of the four exams are worth 100 points each, the final exam is worth 200 points, and attendance in recitation is worth 100 points.

Electronic Devices Please be respectful of your peers and your instructor and do not engage in activities that are unrelated to class. Such disruptions show a lack of professionalism and may result in penalties.

Disability statement If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Resources at 703.993.2474, http://ods.gmu.edu . All academic accommodations must be arranged through that office.

Tutoring Center The Math Tutoring Center is located in the Johnson Center Room 344. Help is available on a walk-in basis. For hours of operation see: http://math.gmu.edu/tutor-center.php

Counseling and Psychological Services Counseling and Psychological Services provides a wide range of free services to students. Individual and group therapy, workshops, online self-help, and community education programs are designed to enhance students' personal experience and academic performance.

University Honor Code You are expected to follow the GMU Honor Code: https://oai.gmu.edu/mason-honor-code/

Diversity You are expected to behave in accordance with the GMU Diversity Statement: http://ctfe.gmu.edu/professional-development/mason-diversity-statement/

Privacy Students must use their masonlive email account to receive important University information, including messages related to this class. See http://masonlive.gmu.edu for more information.

Calendar The following page contains a tentative calendar for the first part of the semester. The rest of the calendar will be filled in as we progress through the course.

Date	**Lecture topic**	**Homework**
01/23/19	Introduction, 6.1	6.1: 11, 17-27, 41-46, 55
01/28/19	6.1, 6.2	6.2: 5-12, 24abc
01/30/19	6.3, 6.4	6.3: 1, 2, 7-14, 16 6.4: 13-21
02/04/19	6.4, 6.5	6.5: 3-8, 15-20
02/06/19	7.1, 7.2	7.1: 1-30 7.2: 23, 29, 30, 47
02/11/19	7.2, 7.3	7.3: 13-22, 41-44, 51-54
02/13/19	Exam 1: 6.1-6.5, 7.1-7.3	
02/18/19		
02/20/19		
02/25/19		
02/27/19		
03/04/19		
03/06/19		
03/11/19 03/13/19	Spring recess	
03/18/19		
03/20/19		
03/25/19		
03/27/19		
04/01/19		
04/03/19		
04/08/19		
04/10/19		
04/15/19		
04/17/19		
04/22/19		
04/24/19		
04/29/19		
05/01/19		
05/06/19		
05/13/19	Final exam 7:30-10:15pm Robinson Hall B104	