Course Syllabus, Spring 2020

Math 114-001, Analytic Geometry and Calculus II

Instructor Jack Love

Office 4453 Exploratory Hall

Office hours MW 1:30pm-2:30pm

Email jlove6@masonlive.gmu.edu

Lectures MW 8:30am-10:20am, Planetary Hall 129

Teaching Assistant Mathew Hasty, mhasty2@gmu.edu

Required text *Thomas' Calculus, Early Transcendentals.* Edition: 14th 18. ISBN: 9780134768496. **The 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 Applications of integrals, techniques of integration, differential equations, sequences and series, parametric and polar curves, and conic sections.

Disability statement If you are a student with a disability and you need academic accommodations, please see me and contact Disability Services at https://ds.gmu.edu. All academic accommodations must be arranged through that office.

University Honor Code You are expected to follow the GMU Honor Code. See https://oai.gmu.edu for details.

Diversity You are expected to behave in accordance with the GMU Diversity Statement. See https://stearnscenter.gmu.edu/purpose-and-mission/mason-diversity-statement for details.

Tutoring Center See http://math.gmu.edu/tutor-center.php for details.

Counseling and Psychological Services Counseling and Psychological Services provides a wide range of free services to students. See https://caps.gmu.edu for details.

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 details.

Grading Your recorded letter grade will be determined as follows:

$A+$	A	$A-$	$B+$	B	$B-$	$C+$	C	$C-$	D	F
98-100	92-97	89-91	86-88	80-85	77-79	74-76	68-73	65-67	55-64	0-54

40% Midterm exams There are 4 midterm exams, each worth 10%.

25% Final exam There is 1 comprehensive final exam.

> No calculators, phones, notes, etc. are allowed on exams.
> You need to have your GMU ID to take exams.

25% Quizzes A quiz will be given each lecture, and one quiz per week will graded. Quizzes are open note, open book, and collaboration with your classmates is allowed/encouraged. Each student's lowest 2 quiz scores will be dropped.

10% Participation Attending and participating in recitation is mandatory. Each student is allowed 2 unexcused absences from recitation.

Absences No late or make-up exams/quizzes/participation will be accepted. The following applies to absences due to illness, provided a medical note excusing the student on a given day:

- if a recitation is missed, student receives full credit for participating in recitation;
- if a graded quiz is missed, the student's quiz score will be replaced with the average of their other quiz scores at the end of the semester;
- if a midterm exam is missed, the student's midterm exam score will be replaced with the average of their other midterm exam scores at the end of the semester.

Practice problems Practice problems will be posted on Blackboard for every section of the textbook that we cover. **Students are strongly encouraged to complete all practice problems correctly. Exam questions will closely resemble practice problems.**