MATH316 — SPRING 2021

Advanced Calculus II

Instructor::	Dr. Harbir Lamba
E-mail:	`hlamba@gmu.edu`
Office Hours:	R 9.00–10.00 and by appointment.
Webpage:	http://math.gmu.edu/∼harbir/m316/
Textbook:	Leonard F. Richardson, *Advanced Calculus; An Introduction to Linear Analysis*, Wiley 2008.
The Course:	We will cover Chapters 5 and 8–11.

Each week I will post a video on Blackboard that you should watch in its entirety as well as reading the relevant parts of the book. I will also set homework questions from the exercises in the book. During the class on Tuesday I will answer questions and go through the homework exercises but not cover any new material. I do expect you all to attend and be prepared each week and you should email me ahead of time if you cannot be there.

My office hours are via email. I will be available to immediately answer questions.

The course will be graded on the basis of three in-class tests on February 23rd, March 23rd and April 20th. The two best tests relative to the class average will each contribute 25% (I will explain how it works in more detail in class) and a (cumulative) final exam (50%) on Tuesday May 4th. No outside materials will be allowed during the exams. There will be no make-up tests, alternative test dates or extra-credit assignments. Students are expected to follow the University Honor Code.

The homework problems set should not be handed in but you are STRONGLY advised to study them and write out your solutions properly. You are also encouraged to discuss these problems amongst yourselves and make use of the email office hours. I will go through many of the homework problems in the following class and you will not benefit from this if you have not made a serious attempt at them beforehand.