Basic Information

Office: McBryde 547
Phone: 231-5465
Email: sbmason@vt.edu
Office Hours: MWF 11:30am-1pm, R 12pm-1:30pm and by appointment
Final Exam Time: December 16: 11:05am-1:05pm
Course Website: http://www.math.vt.edu/courses/math2114


Course Content: This course is an introduction to matrix algebra and the basic theory of linear transformations.

Prerequisites: Admission to Math 2114 is offered to students who have passed Math 1226, and also to students who have completed Math 1225 with a final grade of B or higher.

Disabilities: If you need adaptation or accommodations because of a documented disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible.

Communication:

Notices and updates about this class will be sent to your official Virginia Tech email account. You are responsible for checking this account daily.

Honor System

All assignments, tests, and quizzes submitted will be considered graded work and must be completed on an individual basis. Homework may be discussed with other students as well as with the instructor. However, in writing up an assignment to be handed in, each student works alone (without other students or other students papers) and certifies that what is written accurately represents the students own understanding of the material expressed in the students own words. In working, or in preparing to work, homework problems, students may not consult partial or complete solutions of the problems that have been prepared by anyone else. The prohibited solutions include, but are not limited to, solutions by current or former teachers or students at VT or elsewhere, whether these solutions are posted on the web or
available from other sources. The honor code applies to all graded work in this course. If you have any questions about how the honor code applies to a particular situation, it is your responsibility to ask.

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**Graded Materials**

**In Class Exams (51%)**: There will be three exams (3 at 17% each) and a common-time final exam. No calculators will be permitted on any exams. The exam dates are as follows: September 18, October 19, and November 13. The final exam is on December 16 from 11:05am-1:05pm. No make-up exams will be given unless there is an unavoidable emergency. These will be handled on an individual basis.

**Final Exam (25%)**: There will be a final, two hour, cumulative exam. No calculators will be permitted on the final exam. The final exam is a required class meeting that will not be rescheduled for discretionary reasons, including conflicts with work schedules and with classes and exams at other colleges. The final exam is scheduled for December 16, 11:05am–1:05pm.

**MyMathLab Homework (9%)**: There are homework problems on MyMathLab that will correspond to the lectures in class. There are an unlimited number of attempts for these problems, so be sure to continue trying them until you get the correct answer. These problems will supplement the written homework problems collected each week.

**Homework (15%)**: I will assign homework on every day’s material and collect it once a week. I will only grade selected problems, and which problems I will grade will not be made available until the assignment is returned. I encourage you to seek help from classmates. However, the final work must be your own. I will only accept homework that is stapled together, neatly written or typed, with your name on every page. I will drop your two lowest homework grades. While calculators may be used on homework, I discourage relying on them since they are not permitted on exams. No late homework will be accepted.

Mathematics is about communication, not just numbers. Your homework will be graded for clarity and thoroughness, not simply correctness. In fact, no credit should be expected if no work is shown.

**Class Participation and Preparation (∞%)**: Participation and preparation in Math 2114 is instrumental to success. I expect you to participate by reading the material before class, paying attention, asking and answering questions, as well as reviewing after class. No phones are allowed out during class. Please be sure to turn off ringers to minimize disruptions.

**Attendance (0%)**: In accordance with Math Department policy, I will be keeping attendance in Math 2114. I will forward these records to the department at the end of the semester. While it will not directly affect your grade, I have found that students who do not attend Calculus find it much harder to pass or do well at the end of the semester.

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**Grading Scale**

Final course grades will be assigned as follows: 90% guarantees at least an A-, 80% guarantees at least a B-, 70% guarantees at least a C-, and 60% guarantees at least a D-.

**Grading Appeals**

If you believe that an error has been made in grading an assignment or test, please re-examine the problem as well as the solution and contact me the next day. Any concern must be brought to my attention within one week of the graded work being returned in order for me to look at it.