

## MATH 203-A02: Linear Algebra

### Syllabus, Summer 2020

**Instructor:** Nacir Hmidouch

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**Online classes.** MTWR, 10:30 am–12:35 pm.

**Online office hours.** MW, 12:40 pm–1:40 pm, or by appointment.

**Prerequisite.** Grade C or better in MATH 114.

**Textbook required.** Lay, Lay, McDonald, Linear Algebra and its Applications, 5th edition, Addison-Wesley, 2016.

**Course goals.** To understand and be able to make use of linear equations, the concepts of matrix, determinant, vector space, eigenvalue and eigenvector, matrix diagonalization, length, orthogonality, and approximation.

**Lecture materials and syllabus** will be posted on the GMU Black Board.

**Material to be covered.** Chapters 1-6 (with some sections omitted).

**Free online tutoring.** Free online tutoring is available for the enrolled students. For details see <https://science.gmu.edu/academics/departments-units/mathematical-sciences/math-tutoring/tutoring-centerhours-and>.

**ODS.** If you are a student with a disability and you need academic accommodations, please contact the Office of Disability Services. All academic accommodations must be arranged through this office.

**Exams and homework Assignments.** There will be an online midterm (presumably, June 15) and an online final exam (July 2-July 4, to be specified). Also, there will be six online homework assignments. All homework assignments, midterm, and final exam are open-source.

**Grading:** Homework assignments are 30%, midterm is 30%, and final exam is 40% of the total grade. There is no grade curving or dropping, etc. Equivalence between scores and letters, recommended by GMU, is given below.

A-: 90-92, A: 93-95, A+: 96-100; B- : 80-82, B: 83-85, B+:86-89 ; C : 70 - 75, C+:76-79; D : 60 - 69; F : 0 - 59.

**Attendance and make-ups.** Each student is expected to attend the online classes regularly. **No make-ups** for homework, midterm, and final exam are allowed unless you provide a serious written excuse. Excused tests should be taken within a timely fashion before the last day of classes.

**Honor Code:** Sharing information of any kind about exams is an Honor Code violation. Any violations will be referred to the Office of Academic Integrity.