

## Math 346-E: Elements of Linear Algebra, Spring 2017

Mathematics Department, City College of New York, NAC 8/133, <http://math.sci.ccny.cuny.edu/>

**Instructor:** Sam van Gool

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**Office:** NAC 6/202A

**Office Hours:** By appointment via email.

**Math 346-E** meets on **Monday and Wednesday, 2:00-3:15 PM in NAC 6/122**

**First class:** 1/30. **Last class:** 5/17. **No class** on 2/13, 2/20, 4/10, 4/12, 4/17. **Class on Thu** 4/20.

**Textbook:** Howard Anton, Elementary Linear Algebra, 11th ed., Wiley.

**Course webpage:** <http://www.samvangool.net/2017-spring-346/>

The course calendar and homework assignments will be kept up-to-date on this webpage.

**Class goals:** Understand and use linear algebra. Systems of linear equations, matrices, determinants, vector spaces, bases and dimension, eigenvalues, eigenvectors, linear transformations.

**Exams:** Two **midterm exams** will be scheduled; the **final exam** will take place end of May.

**Grading:** Your class average is determined by

- Two midterm exams (2 x 20% = 40%)
- Homework (10%)
- Quizzes (10%)
- Final exam (40%)

**Homework:** In addition to exercises, **readings** from the textbook will be assigned. Homework is always **due** the class **immediately following** the one in which it is assigned. Homework is **the secret ingredient** for success in this course. Don't tell anyone.

**Quizzes:** At the beginning of class, **at least once a week**. Questions will be multiple-choice and may be **about the lectures and about the homework**, including the assigned reading.

**Late homework** will not be accepted and there are **no make-up quizzes nor exams**. There will be no projects for **extra credit**.

If you need to miss class to attend a **religious holiday**, notify the instructor via email **before Feb 8**.

**Attendance:** It is every student's own responsibility to **attend** every class and **not be late**. If you cannot attend class, send an email to the instructor **before the class**, specifying a valid reason.

**Academic Integrity:** Discussing homework problems with others is useful, but **copying** solutions is not. You should write your final solutions yourself. If you use any outside sources (the internet), you should say so and give the link or reference. The CUNY policy on Academic Integrity applies to this course: [https://www.cuny.edu/about/administration/offices/la/Academic\\_Integrity\\_Policy.pdf](https://www.cuny.edu/about/administration/offices/la/Academic_Integrity_Policy.pdf)

**Devices:** Please **do not use** your cell phone and ensure that it is **not seen nor heard** at any time during class. If you use a **tablet** to take notes, please have it on **airplane mode** during class.