

# Linear Algebra

## The course

This is an introductory course in linear algebra intended primarily for engineering, computer science, and mathematics education majors. Topics include systems of linear equations, matrices and determinants, vector spaces and linear transformations, orthogonality, and eigenvalues.

**Textbook** The textbook is *Linear Algebra with Applications*, seventh edition, by Steven J. Leon, Prentice Hall, 2006, ISBN 0-13-185785-1. The course covers chapters 1–5 and the first three sections of Chapter 6.

**Prerequisite** The prerequisite for this course is Math 152 (second-semester calculus).

**Venue** The course meets 12:00–1:35 in BLOC 163 on Monday, Tuesday, Wednesday, Thursday, and Friday.

**Home page** The home page for the course is <http://www.math.tamu.edu/~harold.boas/courses/304-2006b/>.

## The instructor

The instructor is Dr. Harold P. Boas. The email address is [boas@tamu.edu](mailto:boas@tamu.edu) and the telephone number is (979) 845-7269. The instructor's office hours are held in 202 Milner Hall from 10:00 to 11:00 A.M. on Monday, Tuesday, Wednesday, Thursday, and Friday; and also by appointment.

## Exams and grades

There will be a short quiz almost every day. The average of the best ten quiz scores will have the same weight as one exam score.

There will be examinations on Friday June 9 and on Friday June 30. The registrar has reserved July 3 for final examinations for the first summer term, but our class will *not* have a final examination on that day.

The three grades (the two exams and the quiz average) will be averaged to determine the course grade according to the standard scale: you need an average of 90% for an A, 80% for a B, 70% for a C, and 60% for a D.

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## Other information

### **Americans with Disabilities Act Statement from the Department of Student Life**

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact the office of Disability Services in Cain Hall (telephone 979-845-1637, web site <http://disability.tamu.edu/>).

### **Academic Integrity Statement from the Aggie Honor System Office**

The Aggie Honor Code states: “An Aggie does not lie, cheat or steal, or tolerate those who do.” Information about the Honor Council Rules and Procedures may be found at the web site <http://www.tamu.edu/aggiehonor/>.