Linear Algebra

The course

This course, an introduction to linear algebra, is intended primarily for majors in mathematics and science. Topics to be covered include systems of linear equations, matrices, determinants, vector spaces, linear transformations, change of basis, orthogonality, inner products, eigenvalues, and diagonalization of matrices.

Textbook The textbook is *Linear Algebra with Applications*, seventh edition, by Steven J. Leon, 2006, ISBN–13: 978–0131857858. The course covers most of Chapters 1–5 and the first three sections of Chapter 6.

Prerequisites The prerequisites for this course are Math 152 or 172 (second-semester calculus) and Math 220 (fundamentals of discrete mathematics).

Venue Section 502 meets 12:45–14:00 in BLOC 163 on Tuesday and Thursday.

Home page `http://www.math.tamu.edu/~boas/courses/323-2008c/`

The instructor

The instructor is Dr. Harold P. Boas. Office hours are in 202 Milner Hall, 11:10–12:00, on Tuesday, Wednesday, and Thursday; also by appointment. Contact information: email `boas@tamu.edu`, office telephone 979–845–7269.

Exams and grades

- The two mid-term exams are scheduled for Thursday 25 September and Tuesday 28 October. Each of these exams counts for 25% of the course grade.

- The final examination, which has been scheduled by the Registrar for 8:00–10:00 on Wednesday 10 December, counts for 25% of the course grade.

- Homework counts for 25% of the course grade.

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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/`.