

The course

The three-course calculus sequence for science majors consists of Math 171, Math 172, and Math 221. (The parallel track for engineering majors is Math 151, Math 152, and Math 251.) This course, Math 171, covers vectors and vector functions, limits, derivatives, the mean-value theorem, applications of derivatives, integrals, and the fundamental theorem of calculus.

Textbook The required textbook is *Calculus: Early Vectors* by James Stewart, Brooks/Cole Publishing Company, ISBN 978-0534493486. The course covers most of Chapters 1–6.

Prerequisites The official prerequisite for this course is Math 150 (Functions, Trigonometry, and Linear Systems = Math 2412 in the Texas Common Course Numbering System). A high-school course in algebra and trigonometry should be sufficient preparation.

Venue The course meets in three different rooms, as follows:

Day	Time	Room
Monday	1:50-2:40	ENPH 205
Wednesday	1:50-2:40	ENPH 205
Thursday	2:20-3:10	ENPH 206
Friday	1:50-2:40	BLOC 130

Web site The web site for section 501 is <http://www.math.tamu.edu/~harold.boas/courses/171-2007c/>. The departmental web site for all sections of Math 171 is <http://calclab.math.tamu.edu/docs/math171/>. The author of the textbook has a web site http://www.stewartcalculus.com/media/2_home.php containing study materials, book supplements, and other material.

Exams and Grades

There will be exams in class on the following days: Wednesday 26 September, Wednesday 24 October, and Wednesday 28 November. Each of these three exams counts for 20% of the course grade.

The cumulative final examination, scheduled by the Registrar for 3:30-5:30 on Tuesday 11 December, counts for 20% of the course grade. The remaining 20% of the course grade will be based on homework and quizzes.

The instructor

The instructor for section 501 is Dr. Harold P. Boas. Office hours are in 202 Milner Hall, 11:00-12:00 on Monday, Wednesday, and Friday; also by appointment. Contact information: email boas@tamu.edu, office telephone (979) 845-7269.

Help

Visit the site <http://www.math.tamu.edu/teaching/helpsession/> to see the schedule for departmental help sessions. Visit the site http://calclab.math.tamu.edu/~belmonte/calclab/calclabhelp_2007c.html to see the schedule for help with Maple and with MATLAB.

Academic Integrity Statement

The Aggie Honor Code states: “An Aggie does not lie, cheat or steal, or tolerate those who do.” Consult the web site of the Aggie Honor System Office (AHSO) at <http://www.tamu.edu/aggiehonor/> for further information.

ADA Statement

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/>).