

MATH 251-504: Calculus III

Fall 2008

CATALOG DESCRIPTION: Vector algebra, calculus of functions of several variables, partial derivatives, directional derivatives, gradient, multiple integration, line and surface integrals, Stokes' theorems.

PREREQUISITES: Math 152 (Calculus II) or equivalent.

CREDITS: 3 credits. (Credit will not be given for more than one of MATH 221, 251 and 253.)

TEXTBOOK: Calculus: Early Vectors (Aggie Version), by Stewart, Brooks/Cole, ISBN 0534493483. This course covers Chapters 11 – 14.

INSTRUCTOR: Dr Oksana Shatalov, Blocker 629F, (979) 862-4479.
Email: shatalov AT math.tamu.edu

TIME AND PLACE: HELD 107, MW 4.10-5.25pm.

OFFICE HOURS: (subject to change) M 11:30-12:30, W 10:30-12:30 and by appointment.

EXAMS: There will be three one hour exams tentatively on Monday 9/22, Wednesday 10/22, Monday 11/24 and a final exam on Monday December 8, 3.30-5:30 p.m.

Calculators: Calculators will not be allowed on tests.

Bring your ID for the exams!

Grade Ingredients: Three in class exams (20% for two highest, 10% for lowest scores), cumulative final exam (30%) and weekly homework (20%).

GRADING:

Percentage of points	Grade
90% and higher	A
80% and higher	B
70% and higher	C
60% and higher	D
Less than 60%	F

(I have been known to curve final grades if I feel that it is warranted.)

ATTENDANCE: Attendance is one of your responsibilities for the class. I will take daily attendance, and may use this information in deciding borderline grades. Come to class on time.

MAKE-UP POLICY: Make-ups for missed quizzes, home assignments and exams will only be allowed for a university approved excuse in writing. Wherever possible, students should inform the instructor before an exam or quiz is missed. Consistent with University Student Rules , students are required to notify an instructor by the end of the next working day after missing an exam or quiz. If there are confirmed circumstances that do not allow this (a written confirmation is required), the student has two working days to notify the instructor. Otherwise, they forfeit their rights to a make-up.

LATE WORK POLICY: No late work will be accepted unless there is a university approved excuse in writing.

GETTING HELP: First, if you have a question, do not hesitate to ask before, after, or during a class. Second, I encourage you to attend my office hours to get individual help. You do not need an appointment to come to regular office hours. If your schedule does not permit you to come to the announced office hours, send me an e-mail with your schedule and we will make an appointment to meet at some other day/time.

GRADE COMPLAINTS: Sometimes the instructor might make a mistake grading your work. If you feel that this has happened, you have one week since the graded work was handed back to you to talk to the instructor. If a mistake is confirmed, the grade will be changed. No complaints after that deadline will be considered.

STUDENTS WITH DISABILITIES: 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 Services for Students with Disabilities (Cain Hall, Room B118, or call 845-1637).

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SCHOLASTIC DISHONESTY: Copying work done by others, either in class or out of class, looking on other students papers during exams or quizzes, having possession of unapproved information in your calculator/computer/phone, etc., and/or having someone else do your work for you are all acts of scholastic dishonesty. These acts, and other acts that can be classified as scholastic dishonesty, will be prosecuted to the full extent allowed by University policy. In this class, collaboration on graded assignments, either in class or out of class, is forbidden unless permission to do so is granted by the instructor. For more information on university policy regarding scholastic dishonesty, see University Student Rules at <http://studentrules.tamu.edu/>. "An Aggie does not lie, cheat, steal, or tolerate those who do." Visit <http://www.tamu.edu/aggiehonor> and follow the rules of the Aggie Honor Code.

GOOD LUCK IN YOUR STUDIES!

This syllabus is subject to change at the instructor's discretion