

Math 241 (1&2) Course Information - Fall 2007

INSTRUCTOR: Professor Karl Heinz Dovermann

OFFICE: Keller Hall, Rm 419

TEL: 956-7811

E-MAIL: heiner@math.hawaii.edu

HOME PAGE: <http://www.math.hawaii.edu/~heiner/>

TEXT: Calculus, Early Vectors, *James Stewart*, Brooks/Cole. A rough time line is: Chapter 0 & 1: Review and Vectors in the Plane (1 week), Chapter 2: Limits and rates of change (2 weeks), Chapter 3: Derivatives (3 weeks), Chapter 5: Applications of differentiation (4 weeks), Chapter 6: Integrals (3 weeks), Chapter 7: Applications of integration (2 weeks). Some sections may be cut short or omitted.

DERIVE VIDEOS: We recorded some getting started videos for the computer program *Derive for Windows*. You can view or download these videos by going to <http://www.math.hawaii.edu>. Then click on *Online Materials*. You can also borrow a CD and copy the videos.

OFFICE HOURS: Monday, Wednesday, Friday 9:30–10:15, Tuesday and Thursday 9:00–9:45. Other hours are available by appointment. Questions should be organized in advance, and you should be prepared to show homework attempts when you ask questions during office hours. Your TA is available for additional help.

EXAMS: There will be two midterms (the dates will be announced in class) and a final exam (see the university calender for the date and time). Make-up exams will be given only under excruciating circumstances such as serious illness or family emergencies. Proof may be required. If you are a student athlete, or you need to travel for academic reason, then you must make arrangements in advance to take tests at an alternate time, possibly early.

HOMEWORK: I will assign homework every lecture. It is due during the next lecture.¹ Some problems will be graded. Homework should be cleanly written, and you may have to revise it before it is in an acceptable form.

¹If you have to miss class, then you may hand in homework early. No late homework will be accepted.

Your solutions should show the steps of your solution in a logical order and end with a proper formulation of the final answer.

GATEWAY EXAMS You have to pass the differentiation gateway exam to pass this course with a C, or better grade. Details will be announced later.

GRADING: Your grade will be determined by the scores on the midterms (100 points each), homework (10 points per week), and the final exam (150 points), provided that you passed the gateway exam. There may be a few opportunities to earn extra credit.

ABSENSES: It is expected that you attend every lecture and recitation session. If you are absent, then you are responsible for the material covered. Arrange to copy another student's notes and be informed of any announcements.

ACADEMIC EXPECTATIONS: Please read the statement about the academic expectations on the Mathematics Department webpage. Go to <http://www.math.hawaii.edu> and click on Academic Expectations.

CALCULATORS: Use of calculators will not be permitted on exams.

ACADEMIC HONESTY: No student shall claim or submit the work of another as one's own. No dishonesty will be tolerated.

IMPORANT DATES: It is your responsibility to know about the important dates, such as deadlines to drop or withdraw from a course, holidays, final exam, etc.