MATH 234: Honors Multivariable Calculus (Fall 2008)

Meetings: MTuThF 8–9am, 1-153 Wilson Hall

Instructor: Lukas Geyer, 2-254 Wilson, Tel. *5342,
email geyer@math.montana.edu

Office Hours: Tu 10-11am, W 1-2pm, Th 9-10am, or by appointment

Website: http://www.math.montana.edu/~geyer/2008/fall/234.html

Required Text: James Stewart, *Calculus: Early Transcendentals (5th ed)*, Thomson Brooks/Cole.

Prerequisites: B in Math 192, A in Math 182, AP Calculus BC exam with a 5, or consent of the instructor.

Monday	Tuesday	Thursday	Friday
09/01: Holiday	09/02: 12.1	09/04: 12.2	09/05: 12.3/Quiz 1
09/08: 12.3	09/09: 12.4	09/11: 12.5	09/12: 12.5/Quiz 2
09/15: 12.6	09/16: 13.1	09/18: 13.2	09/19: 13.2/Quiz 3
09/22: 13.3	09/23: 13.3	09/25: 13.4	09/26: 13.4/Quiz 4
09/29: Review	09/30: **First Test**	10/02: 14.1	10/03: 14.2/Quiz 5
10/06: 14.3	10/07: 14.4	10/09: 14.4	10/10: 14.5/Quiz 6
10/13: 14.5	10/14: 14.6	10/16: 14.6	10/17: 14.7/Quiz 7
10/20: 14.7	10/21: 14.8	10/23: Review	10/24: **Second Test**
10/27: 15.1	10/28: 15.2	10/30: 15.3	10/31: 15.3/Quiz 8
11/03: 15.4	11/04: Holiday	11/06: 15.5	11/07: 15.6/Quiz 9
11/10: 15.6	11/11: Holiday	11/13: 15.7/12.17	11/14: 15.8/Quiz 10
11/17: 16.1	11/18: 16.2	11/20: 16.2	11/21: 16.3/Quiz 11
11/24: 16.3	11/25: 16.4	11/27: Holiday	11/28: Holiday
12/01: 16.5	12/02: 16.6	12/04: Review	12/05: **Third Test**
12/08: 16.7	12/09: 16.8	12/11: 16.9	12/12: Review
12/15:	12/16: **FINAL**	12/18:	12/19:

Final Exam: Tuesday, December 16, 4–5:50pm.

The tests and final exam are closed-book, but you may use a letter-sized "cheat sheet" for each of them.

Grade: 10 points for the best 10 quizzes (the lowest score will be dropped), 100 points for each of the three tests, and 200 points for the final exam, making for a possible total of 600 points. If a test is missed, the final counts 300 points.

The letter grades are determined from the points as follows: **A** 558–600 pts, **A-** 540–557 pts, **B+** 522–539 pts, **B** 498–538 pts, **B-** 480–497 pts, etc.