

## Differentiation Gateway Exam

The first differentiation gateway exam will be given in class on Tuesday, February 7. It will consist of 20 differentiation problems, similar to those on the Derivative Practice list of 200 problems:

[www.math.kent.edu/~white/12002/derivative-practice1.pdf](http://www.math.kent.edu/~white/12002/derivative-practice1.pdf)

Answers to the practice problems are available at

[www.math.kent.edu/~white/12002/deriv-prac-sol1.pdf](http://www.math.kent.edu/~white/12002/deriv-prac-sol1.pdf)

A score of 85% (17 out of 20) is required to pass. No partial credit will be given on any problem. Those who score 17 or better will receive 50 points for the gateway exam grade. The use of calculators is NOT permitted on the Gateway Exam.

**Retakes:** Anyone not scoring 17 or better on the first exam will be permitted to retake the gateway exam subject to the following conditions.

1. The exam may be retaken at most two times per week.
2. Retake times must be scheduled with the instructor at least one day in advance.
3. You will have until 50 minutes past the *scheduled* exam time to complete the exam. (For example, if you are 45 minutes late, you have 5 minutes to complete the exam.)
4. An unexcused missed appointment will count as one of your two attempts for the week.
5. It is to your advantage to pass the gateway exam as early as possible. Your gateway exam grade will depend on the date the exam is passed, as follows:

Exam passed on or before:	Exam grade:
Friday, February 10	<b>50</b> points
Friday, February 17	<b>45</b> points
Friday, February 24	<b>40</b> points
Friday, March 2	<b>35</b> points
Friday, March 9	<b>30</b> points

The last day to retake the exam will be March 9, 2012. Anyone who has not achieved a score of 17 on the exam by then will receive 0 points for the gateway exam.

It is strongly recommended that you retake the exam at least once per week until you pass it. It is also recommended that anyone scoring less than 50% go over the exam with the instructor prior to retaking the exam.