Policies and Procedures for the Gateway Exam

**Content:** The exam will address skills in taking and evaluating derivatives and computing integrals (up to the substitution method), including the algebra and trigonometry necessary to complete these problems. Differentiation problems will test the standard derivative rules (e.g., constant multiple rule, sum rule, power rules, product and quotient rules). Integration/antidifferentiation problems will include only those which can be completed by inspection and/or through the substitution method. Derivatives and integrals involving polynomial, rational, exponential and logarithmic functions, as well as the standard trigonometric functions (but not inverse trigonometric functions), will appear. The exam will consist of 12 problems: 7 differentiation problems and 5 integration problems. Essentially no partial credit will be given. The gateway exams will closed book exams. No calculator or notecards, etc., will be allowed on gateway exams. The duration of the exam is 50 minutes.

**Retakes:** A score of 75% is necessary to pass. Three attempts will be allowed to pass the exam. The first version will be given in class (Thursday, May 6). Those who take and pass the exam on the first try will receive their score (of 75% or above). Those who do not pass will receive temporary zeros and have the two opportunities for retakes. The first of the two can be taken on **Monday, May 10, 1:30 – 3:30** at the Testing Center in Rood Hall 2227. Here, a score of 75% or more will be recorded as a grade of 75% for the exam. Any score less than 75% will automatically be recorded as a temporary zero. The last retake can be taken on **Wednesday, May 12, 1:30 – 3:30** at the Testing Center in Rood Hall 2227. Now, a score of 75% or more will be recorded as a grade of 50% for the exam. Any score less than 75% will be recorded as a 0. In conclusion, if 75% or more of the questions on each attempt are not answered correctly after three attempts, a score of 0 will automatically be recorded for that grade. The gateway exams will closed book exams. No calculator or notecards, etc., will be allowed on gateway exams. The duration of the exam is 50 minutes.

**At the Testing Center:**

1. All gateway exam retakes will have the same format as each original in-class exam, with twelve problems, seven derivatives, five integrals, etc., with a time limit of 50 minutes. While the format will be the same, the actual problems on the retakes will differ.
2. In order to be allowed to take an exam, a student must have his/her own pencil (and eraser), and a picture ID. Students without IDs will not be allowed to take an exam.
3. Each student may pick up a gateway exam retake from the Testing Center personnel, upon displaying his/her picture ID.
4. Each gateway exam retake is closed book and closed notes, and no calculators or cheat sheets are allowed. Students must leave ALL notes, books, papers, calculators, scratch paper, etc., on the shelves in the Testing Center. Each student may have ONLY a writing utensil (and eraser) on hand while taking the exam. Sufficient space will be provided on the exam for solutions and scratch work.
5. Students must know the names of their instructors and the times of their Math 123 sections, and they must write that on their exams. Each student should also indicate on the exam whether it constitutes his/her 2nd or his/her 3rd attempt at passing the gateway exam.

6. Students must come to the Testing Center well before the closing of the center (each day) in order to have enough time for the test. No additional retakes will be allowed for students who leave themselves an insufficient amount of time for the test. Any exam begun by a student must be resubmitted to the Testing Center staff, and it will be regarded as a completed attempt. (In other words, a student cannot get an exam, look it over, and decide not to try it, without that review of the exam counting as an attempt.)

7. A student may not take more than one exam in any one single day.