

# Online Gateway Exam on Differentiation Techniques

## Spring, 2014

The Gateway Exam on Differentiation Techniques consists of seven differentiation problems and is given online from **Wednesday, February 26** to **Friday, April 25**. To pass this gateway exam, a student must solve correctly at least six problems within **25 minutes** using only scratch paper and pencil. That is, NO hand calculators, formula sheets, computer programs and textbooks are allowed to be used during the gateway exam. Passing the Gateway Exam on Differentiation Techniques will count 10% of the course grade for MATH 131. That is, a student in MATH 131 will receive 10% of the course grade only if he/she passes this gateway exam.

### **Online Access to the Gateway Exam on Differentiation Techniques:**

The Gateway Exam on Differentiation Techniques is given online using WeBWork and can be accessed through the website at: <http://webwork.citadel.edu/webwork2/Gateway-Derivatives/>. At this website, please click on "**Gateway-Derivatives**" and then type in your username and password. Your username is: **first name.last name** (all in low case). For example, john.smith for John Smith, and your password for the first time is: M12345. Please send an email to Dr. Breeanne Baker at [bbaker2@citadel.edu](mailto:bbaker2@citadel.edu) or Dr. Mei Chen at [chenm@citadel.edu](mailto:chenm@citadel.edu) if you have any trouble to login.

### **Take a Practice Test for a Gateway Exam:**

Before taking the Gateway Exam, you are strongly recommended to practice using the practice test for the gateway exam. Click on **Take GatewayExam – Derivatives Practice Test** to take a practice test. You will receive the test score and also see which problem is solved correctly or incorrectly at the end of the test after clicking on "Grade Test". You can also print out a hard copy of a practice gateway exam with your answers.

### **Take a Gateway Exam:**

Click on Take GatewayExam – Derivatives Test to take a gateway exam. In order for a passing grade (6/7 or higher) on a gateway exam to be recorded for his/her course grade, a student must take this gateway exam in the computer lab in **the Academic Support Center (ASC)**. The ASC is located in 117 Thompson Hall, which is open Monday-Friday from 9am-5pm and again from 7-10pm (<http://www.citadel.edu/root/asc-about/hours-of-operation>). A student can take a gateway exam at most **Three times** per day. That is, the score of the 4<sup>th</sup> try will NOT be counted.

### **Steps to take a gateway exam at the ASC:**

- (1) Sign in with your name and your section (Professor Cotter - Section 01, Dr. Mukherjee – Section 02, Dr. Baker – Section 03, and Prof. Cotter – Section 04) by a center staff.
- (2) Leave your bag with the center staff who has signed you in.
- (3) Take the Gateway Exam on Differentiation Techniques in the computer lab in the ASC.
- (4) Sign out by a center staff and get your bag.

Please do not take the practice test for the gateway exam in the ASC.

### **Mathematics Notations in WeBWork:**

The mathematics notations used in WeBWork are similar to those used in calculators. Details can be found at the website: [http://webwork.maa.org/wiki/Available\\_Functions](http://webwork.maa.org/wiki/Available_Functions). Please click on "Preview Problems" after typing each answer to make sure all mathematics notations are correctly typed in.

### **Change Password:**

Click on Password/Email under Main Menu on the left.