

Name: \_\_\_\_\_

Student ID: \_\_\_\_\_

**Introduction to Gradescope**

**Fall 2014 Midterm**

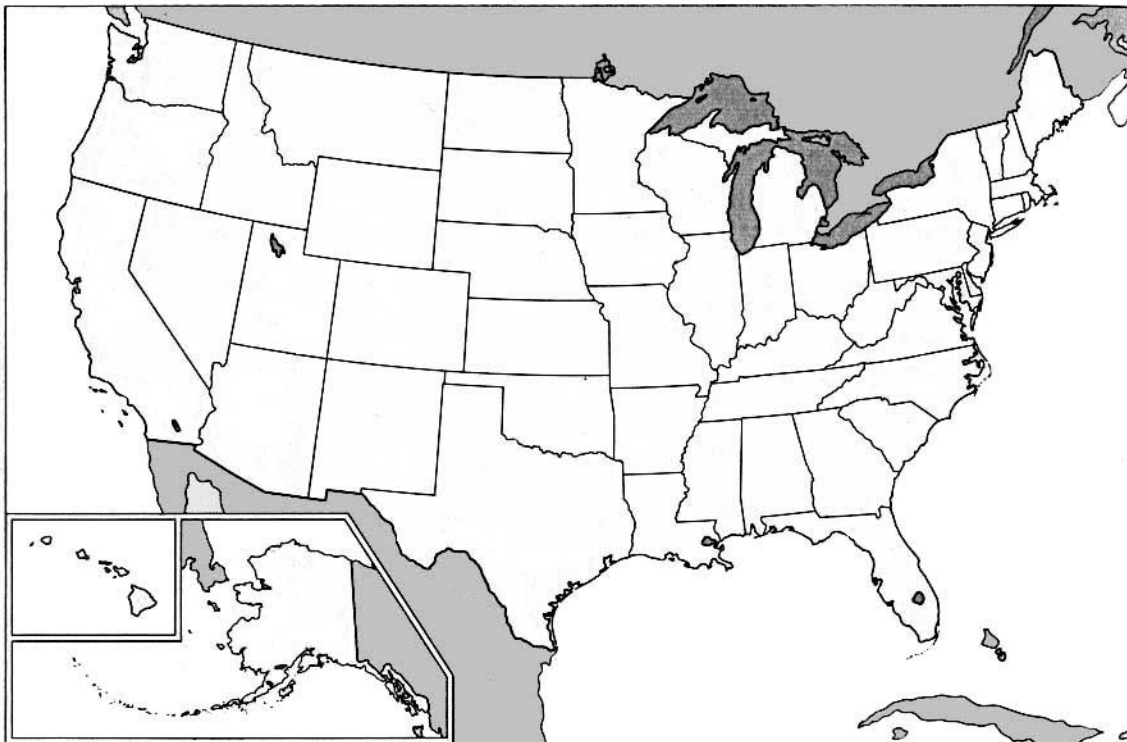
**Q1. Calculus**

Q1.1 [3pt] What is the integral of  $x$  ?

Q1.2 [3pt] What is the derivative of  $\cos x$  ?

**Q2. [2pt] United States Geography**

Mark North Dakota and South Dakota on the map below.



### Q3. Chemistry

Q3.1 [3pt] Draw the Lewis structure for  $CO_2$ .

Q3.2 [1pt] Which of the following are noble gases?

Argon

Helium

Oxygen

Hydrogen