Fall 2020   ENG 5300   Quiz 2   Zachary Satawa

You must show **all** work to receive full credit. All work is to be your own.   October 5

This is a closed books and notes test. Be organized.   Total points: **20**   19:44- 19:57

1. §10.4 Evaluation of Line Integrals by Green's Theorem.   20 points

   Using Green's Theorem, evaluate $\boxed{\int_C y^3\,dx - x^3\,dy}$ counterclockwise around the boundary curve

   C of the region R, where C is the circle $\boxed{x^2 + y^2 = 4}$.