Fall 2020 ENG 5300 Quiz 2 Brendan McClanahan

You must show **all** work to receive full credit. All work is to be your own. This is a closed books and notes test. Be organized. Total points: **20**

October 5 19:44-19:51

1. $\S 10.4$ Evaluation of Line Integrals by Green's Theorem. Use Green's Theorem to evaluate

20 points

$$\oint\limits_C 3x^2y^2\,dx + 2x^2(1+xy)\,dy$$

where C is the circle shown.

