

Name:
September 1, 2016
MAC 2313.9722
Cyr

Quiz 1

You must show all work to receive full credit!!

Problem 1. (3 points) Find the vector projection of $\mathbf{b} = \langle 3, 1, 2 \rangle$ onto $\mathbf{a} = \langle 2, -2, 4 \rangle$.

Problem 2. (7 points) Find the equation of the plane passing through the points $(1, 0, 1)$, $(-2, 1, 3)$, and $(4, 2, 5)$.