

## Calculus III Quiz 1

Don't forget to write down clearly your **Name:**

and **Net Id:**

**1. Vector projection (5 points)** Find the projection of the vector  $(3, -1, 3)$  onto  $(0, 1, 1)$ .

**2. Cross product and area (5 points)** Find the area of the triangle with vertices  $A : (1, 2, 3)$ ,  $B : (2, -1, 1)$ ,  $C : (0, 3, -3)$ .