MASTERY QUIZ DAY 4   Math 237 – Linear Algebra
Version 5   Fall 2017

Show all work. Answers without work will not receive credit. You may use a calculator, but you must show all relevant work to receive credit for a standard.

E1. Write an augmented matrix corresponding to the following system of linear equations.

$$x + 3y - 4z = 5$$
$$3x + 9y + z = 0$$
$$x - z = 1$$

Solution:

$$\begin{bmatrix} 1 & 3 & -4 & | & 5 \\ 3 & 9 & 1 & | & 0 \\ 1 & 0 & -1 & | & 1 \end{bmatrix}$$

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E1: