

## Advisory - Absense Projection Worksheet - Fall 2012

This worksheet is intended to help you make an educated guess about how many days you will be absent this semester based on the way things are going so far.

1. First, let's gather some information.

(a) According to Mr. Webb, if I am gone more than \_\_\_\_\_ days, I will not be able to walk at graduation.

(b) I have been gone \_\_\_\_\_ times this semester already.

(c) There have been \_\_\_\_\_ days in the semester so far.

(d) There are \_\_\_\_\_ total days this semester.

2. To make a projection about how many days you are likely to miss this semester at this rate, let's set up a proportion.

$$\frac{\text{number of days missed so far}}{\text{number of days so far}} = \frac{\text{projected number of missed days this semester}}{\text{total days this semester}}$$

For instance, if I missed 2 days out of 21 days so far this semester and the semester is 71 days long in total, my proportion would look like this:

$$\frac{2}{21} = \frac{x}{71}$$

Now you try. You are going to have to use your own numbers from problem 1.

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

3. The variable  $x$  represents my projected number of missed days. Please solve for  $x$  to make a projection about the number of days you will miss this semester at your current rate. If the number of missed days this semester is over Mr. Webb's limit, you will not be able to walk during graduation.

4. At this rate you've been absent so far this semester, will you be able to walk at graduation?