

## ILO ASSESSMENT SUMMARY: PROBLEM SOLVING, ETHICS AND VALUES

**December, 2012**

A survey consisting of 5 Problem Solving questions and 3 Ethics and values questions was administered online to the students. The responses were voluntary and 354 students completed the survey.

One of the questions from the problem solving section was not entered properly and deemed ambiguous and was excluded from the results. The results were as followed:

Problem Solving (out of 4)	Mean=2.68 Standard Deviation=.99	67% ± 3%
Ethics and values (out of 3)	Mean=2.16 Standard Deviation=.72	72% ± 1%

Even though the results were lower than anticipated, given the small sample size and the margin of error, they seem adequate. Further break down of the data based on the level of math and English classes shows improvement in both areas as the students progress through their academic courses.

Highest Mathematics level Completed		
Pre-algebra or below	2.5	2.0
Elementary Algebra	2.7	2.2
Intermediate algebra	2.7	2.2
Transfer Level	2.8	2.2
No Response	2.8	2.19

Highest English Class Completed		
ESL or Below	2.3	1.6
Below English 101	2.6	2.2
English 101 or Above	2.8	2.2
No Response	2.8	2.1

Given the importance of these two Institutional Learning Outcomes, a greater integration of these skills into the curriculum is encouraged.