

COURSE SLO ASSESSMENT REPORT, SCC

Department: Mathematics Course: N06 Basic College Mathematics

Year: 2013 Semester: Fall

1) Outcome to be assessed	2) Means of assessment and criteria of success	3) Summary of data collected	4) Analysis of data	5) Plan of action/what to do next
<p>1) Read, define and apply arithmetic vocabulary and symbols</p> <p>2) Evaluate arithmetic expressions and perform order of operations on simple arithmetic expressions</p>	<p>Students were given a department final. There were 4 (out of 7) free- response problems assessed that covered SLO 1. There were 4 (out of 20) free- response problems assessed that covered SLO 2.</p> <p>The rubric was a scale from 0 - 1: <u>Successful</u> 1: Correct – <u>Unsuccessful</u> 0: Attempted – incorrect or Blank</p> <p>The SLO will be met if the average success rate for all the questions is at least 70%.</p>	<p>Finals from 4 of the 4 sections offered were assessed.</p> <p>Ten students from each of the 4 classes were randomly chosen to be included in the assessment (n=40).</p> <p><u>Success Rates:</u> 1) SLO 1: 69.4%. 2) SLO 2: 39.4%</p>	<p>Our results are slightly lower than expected with regard to vocabulary in SLO 1.</p> <p>Our results are extremely lower than expected with regard to vocabulary in SLO 2.</p>	<p>These results will be sent to current and past Math N06 instructors.</p> <p>Encourage instructors to focus on order of operations and vocabulary.</p> <p>Discuss importance of order of operations to be sure teachers are continually reviewing it through all the chapters.</p>

Fall 2013 Data for Assessment from Final Exam								
	Math N06							
SLO	1	2	1	2	1	2	1	2
Class	A	A	B	B	C	C	D	D
Student								
1	3	1	3	1	4	4	4	2
2	2	1	2	0	4	4	2	2
3	3	2	3	2	1	0	4	3
4	3	0	4	3	2	1	4	4
5	0	1	3	0	2	2	3	3
6	0	0	3	2	4	3	3	0
7	3	0	3	1	4	1	1	0
8	2	2	4	2	2	1	2	0
9	3	4	3	2	3	1	3	2
10	3	1	3	4	3	0	3	1
Sum	22	12	31	17	29	17	29	17
Avg	2.2	1.2	3.1	1.7	2.9	1.7	2.9	1.7
%	55	30	77.5	42.5	72.5	42.5	72.5	42.5
SLO 1 percent correct is:				69.38%				
SLO 2 percent correct is:				39.38%				
1) Read, define and apply arithmetic vocabulary and symbols								
2) Evaluate arithmetic expressions and perform order of operations								
on simple arithmetic expressions								