

QEP Evaluation Update

Assessment of Students' Attitudes Toward Mathematics

Method: A random sample of MAT0020, MAT0024, MAT1033, and MAC1105 classes taught during Fall 2008-1 was selected. Faculty teaching the classes administered the Math Attitude Survey to their students during class time. Surveys were returned to Institutional Research for scanning and analysis.

Key Findings: Students' attitudes toward math improved between Spring 2005 and Fall 2008. Goals for two of the three factors and for all course levels were exceeded. Attitudes related to one factor - confidence/enjoyment improved but did not reach the target. The largest increase was evident on items included in the importance/value factor.

Math Attitude Survey Results Fall, 2008					
Factor	Baseline Spring, 2005 (N=753)		2008 Goal	2008 Results (N=1138)	
	Mean	SD		Mean	SD
Confidence/Enjoyment	2.40	.71	2.75	2.56	.68
Importance/Value	1.93	.48	2.17	3.09	.48
Mathematical Thinking	2.03	.55	2.31	2.97	.56
Overall	2.15	.50	2.40	2.85	.50

Math Attitude Survey Results Fall, 2008							
Course	Baseline 2005			2008 Goal	2008 Results		
	N	Mean	SD		N	Mean	SD
MAT 0020/MAT 0024	70	2.01	.46	2.23	597	2.81	.48
MAT 1033	182	2.25	.48	2.49	283	2.87	.50
MAC 1105	501	2.13	.51	2.39	258	2.90	.52