Longitudinal Cross-Disciplinary Studies Scores
30-May-14

MTH213

	Students will be able to demonstrate a facility with operations on the integers (1b, 1c).	Students will be able to demonstrate a facility with operations on the rational numbers (1b, 1c).	Students will be able to apply concepts from number theory to solve problems (1a, 1b, 1c).
Fall 2008	3.40	2.96	3.16
Fall 2009	3.96	3.67	3.00
Fall 2010	3.78	4.00	3.66
Fall 2011	3.07	3.61	2.70
Fall 2012	3.28	3.72	2.93
Fall 2013	3.29	3.44	3.47

MTH223

	Students will be able to construct geometric figures using a compass and straight edge (1b, 1c).	Students will be able to select and use the appropriate units for computing length, area and volume (1b, 1c).	Students will be able to distinguish between the appropriate uses of probability and statistics to solve problems (1a, 1b, 1c).
Spring 2009	4.00	3.11	3.78
Spring 2010	2.32	3.25	3.86
Spring 2011	3.29	3.03	1.81
Srping 2012	2.78	2.50	2.30
Spring 2013	3.70	3.03	1.80
Spring 2014	3.39	2.78	3.58

Note the problem in 2010 was not a construction but a description

Scale Used:

0 Unsatisfactory - Completely Incorrect
1 Low Satisfactory - Missed more than one key concept or step
2 Satisfactory - Missed one key concept or step
3 High Satisfactory - Made a minor error
4 Outstanding - Completely correct

Criteria for Success: **Average class score of 2.5 or higher for each problem**

Comments:
Students appear to need some additional instruction in the are of probability and statistics.