

Appendix C:

Mann-Whitney U Test CLASEQ results at the start and end of Semester 1 2017

	Median Pre Semester 1	Median Post Semester 1	Mann- Whitney U	Z	p
<i>Self-Efficacy - Working with Chemicals</i>	3	4	8190	-5.05	> 0.001
<i>Anxiety - Working with Chemicals</i>	3	2	8399	-4.53	> 0.001
<i>Self-Efficacy - Using Chemical Equipment</i>	3	4	7875	-5.48	> 0.001
<i>Anxiety - Using Chemical Equipment</i>	3	2	7546	-5.67	> 0.001
<i>Self-Efficacy - Working with Other Students</i>	4	4	9258	-3.37	0.001
<i>Anxiety - Working with Other Students</i>	2	1	9955	-2.53	0.011
<i>Self-Efficacy - Collecting Data</i>	3	4	8681	-4.27	> 0.001
<i>Anxiety - Collecting Data</i>	3	2	8244	-4.72	> 0.001
<i>Self-Efficacy - Completing Work in Time</i>	3	3	6641	-6.93	> 0.001
<i>Anxiety - Completing Work in Time</i>	4	3	7448	-5.78	> 0.001
<i>Self-Efficacy - Asking a Demonstrator for Help</i>	3	4	7605	-5.59	> 0.001
<i>Anxiety - Asking a Demonstrator for Help</i>	2	2	8968	-3.77	> 0.001
<i>Self-Efficacy - Interpreting Data</i>	3	3	9436	-3.19	0.001
<i>Anxiety - Interpreting Data</i>	3	3	9867	-2.50	0.012
<i>Self-Efficacy - Answering Assessed Questions</i>	3	3	8494	-4.62	> 0.001
<i>Anxiety - Answering Assessed Questions</i>	4	3	8787	-3.92	> 0.001