

Appendix D:

Mann-Whitney U Test CLASEQ results at the start of Semester 1 and Semester 2 2017

	Median Pre- Semester 1	Median Pre- Semester 2	Mann- Whitney U	Z	p
<i>Self-Efficacy - Working with Chemicals</i>	3	3	4617	-0.25	0.800
<i>Anxiety - Working with Chemicals</i>	3	2	3825	-2.16	0.031
<i>Self-Efficacy - Using Chemical Equipment</i>	3	3	4664	-0.13	0.894
<i>Anxiety - Using Chemical Equipment</i>	3	2	4224	-1.19	0.234
<i>Self-Efficacy - Working with Other Students</i>	4	4	4667	-0.12	0.901
<i>Anxiety - Working with Other Students</i>	2	2	4115	-1.46	0.143
<i>Self-Efficacy - Collecting Data</i>	3	3	4633	-0.21	0.833
<i>Anxiety - Collecting Data</i>	3	2	3355	-3.28	0.001
<i>Self-Efficacy - Completing Work in Time</i>	3	3	3641	-2.64	0.008
<i>Anxiety - Completing Work in Time</i>	4	3	3516	-2.94	0.003
<i>Self-Efficacy - Asking a Demonstrator for Help</i>	3	3	4186	-1.29	0.196
<i>Anxiety - Asking a Demonstrator for Help</i>	2	2	4616	-0.24	0.807
<i>Self-Efficacy - Interpreting Data</i>	3	3	4597	-0.24	0.813
<i>Anxiety - Interpreting Data</i>	3	3	4261	-1.04	0.298
<i>Self-Efficacy - Answering Assessed Questions</i>	3	3	4413	-0.73	0.468
<i>Anxiety - Answering Assessed Questions</i>	4	3	4126	-1.37	0.171