

CHEM 498/499H

Capstone Research and Report Rubric

Outcomes with Criteria	Below Standards	Meets Standards	Exceeds Standards	Total
1. Communication through written reports (outcome 5) <ul style="list-style-type: none"> Submitted formal report containing all customary sections Grammatically correct, minimum spelling errors, neatly formatted 	1-2 1-2	3 3	4-5 4-5	_____ (out of 10 max)
2. Understanding of scientific problem (outcomes 1, 2 and 4) <ul style="list-style-type: none"> Includes statement of scientific problem and objectives Provides appropriate background information 	1-2 1-2	3 3	4-5 4-5	_____ (out of 10 max)
3. Experimental procedures (outcomes 1, 3, and 4) <ul style="list-style-type: none"> Appropriate experimental procedures are used Adequate description of experimental procedures 	1-2 1-2	3 3	4-5 4-5	_____ (out of 10 max)
4. Experimental Results (outcomes 1, 3, and 4) <ul style="list-style-type: none"> Data collection and reporting are accurate and complete Analysis of data are appropriate and correct 	1-2 1-2	3 3	4-5 4-5	_____ (out of 10 max)
5. Discussion and Conclusions (outcomes 1, 2, 3, 4, and 5) <ul style="list-style-type: none"> Interpretation of results is correct and appropriate Conclusion are appropriate 	1-2 1-2	3 3	4-5 4-5	_____ (out of 10 max)
Comments				Total _____ (out of 50 max)