

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