

Graduate Learning Outcome (GLO) Standard Campus Rubric

Evaluation Rubric for (circle one of the following research-based levels):

MS/ME PhD/DE

Candidate Name: _____

Student ID: _____

Department: Chemistry

Program: Masters / Doctorate

Semester & Year of Defense: SP / SS / FS Number of Publications: _____

Milestone: Comps / Dissertation / Thesis

Graduate Learning Outcome (Scale of 1-5)	Unsubstantiated (1)	Developing (2)	Acceptable (3)	Proficient (4)	Exceptional (5)
1. Knowledge: Candidate has the ability to apply knowledge of subject matter within their field of study.					
2. Communication: Candidate has the ability to communicate effectively within their field of study.					
3. Integrity and Ethics: Students will demonstrate the highest standards of professional behavior, integrity, and ethical conduct					
4. Scholarship Independence: Students will demonstrate the ability to independently identify, explain, and develop scholarship including a clear plan for addressing open research questions in their field.					
5. Critical Thinking: Candidate has the ability to engage in productive critical thinking within their field of study.					

Student Name: _____

Date: _____

<u>Graduate Learning Outcome</u>	<u>Unsubstantiated/Developing (1-2)</u>	<u>Acceptable (3)</u>	<u>Proficient/Exceptional (4-5)</u>
Knowledge: an ability to apply knowledge of subject matter within their field of study.	Does not reflect understanding of subject matter and associated literature	Reflects understanding of subject matter and associated literature	Reflects mastery of subject matter and associated literature
	Demonstrates little understanding of theoretical concepts	Demonstrates understanding of theoretical concepts	Demonstrates superior understanding of theoretical concepts
	Limited evidence of comprehension	Some evidence of comprehension	Significant evidence of comprehension
	Limited expansion upon previous research	Builds upon previous research	Greatly extends previous research
Communication: an ability to communicate effectively within their field of study.	Presents reasonings incorrectly, incoherently, or faulty	Presents reasonings coherently and clearly	Presents reasonings in a superior manner
	Defines objectives are poorly	Defines objectives are clearly	Defines objectives thoroughly
	Contains numerous grammatical and spelling errors	Contains some grammatical and spelling errors	Contains no grammatical or spelling errors
	Organization is poor	Organization is logical	Organization is excellent
Critical Thinking: an ability to engage in productive critical thinking within their field of study.	Demonstrates rudimentary problem solving skills	Demonstrates average problem solving skills	Demonstrates mature problem solving skills
	Demonstrates limited originality	Demonstrates adequate originality	Demonstrates significant originality
	Displays limited creativity and insight	Displays creativity and insight	Displays significant creativity and insight
Professional Development: an ability to develop professionally within their field of study.	Exhibits limited theoretical or applied significance	Exhibits reasonable theoretical or applied significance	Exhibits significant theoretical or applied significance
	Presents limited publication potential	Presents reasonable publication potential	Presents significant publication potential
	Work is not presentation quality	Work is adequate for presentation	Work is presentation quality
	Possesses inadequate awareness/training of ethical and responsible research	Possesses suitable awareness/training of ethical and responsible research	Possesses substantial awareness/training of ethical and responsible research
	Documentation is poor	Documentation is adequate	Documentation is excellent

Comments: