

**Homer L. Dodge Department of Physics and Astronomy**  
**Written and Oral General Examination Rubric**

Student's Name:

Date:

Evaluator's Name (printed):

Evaluator's Signature:

<b>Attribute for WRITTEN</b>	<b>Does Not Meet Expectations</b>	<b>Meets Expectations</b>	<b>Exceeds Expectations</b>
<b>Overall quality of science and/or scientific understanding</b>	<input type="checkbox"/> Does not demonstrate ability to understand and perform research <input type="checkbox"/> Demonstrates rudimentary critical thinking skills <input type="checkbox"/> Does not reflect understanding of subject matter and associated literature <input type="checkbox"/> Demonstrates poor understanding of theoretical concepts	<input type="checkbox"/> Demonstrates ability to understand and perform research <input type="checkbox"/> Demonstrates average critical thinking skills <input type="checkbox"/> Reflects understanding of subject matter and associated literature <input type="checkbox"/> Demonstrates understanding of theoretical concepts	<input type="checkbox"/> Demonstrates exceptional potential for conducting research <input type="checkbox"/> Exhibits mature, critical thinking skills <input type="checkbox"/> Exhibits mastery of subject matter and associated literature. <input type="checkbox"/> Demonstrates mastery of theoretical concepts
<b>Quality of writing</b>	<input type="checkbox"/> Writing is weak <input type="checkbox"/> Numerous grammatical and spelling errors apparent <input type="checkbox"/> Organization is poor <input type="checkbox"/> Documentation and/or bibliography is poor	<input type="checkbox"/> Writing is adequate <input type="checkbox"/> Some grammatical and spelling errors apparent <input type="checkbox"/> Organization is logical <input type="checkbox"/> Documentation and/or bibliography is adequate	<input type="checkbox"/> Writing is publication quality <input type="checkbox"/> No grammatical or spelling errors apparent <input type="checkbox"/> Organization is excellent <input type="checkbox"/> Documentation and/or bibliography is excellent
<b>Overall Assessment</b>	<input type="checkbox"/> Does not meet expectations	<input type="checkbox"/> Meets expectations	<input type="checkbox"/> Exceeds expectations
<b>Confidential Comments:</b>			

Attribute for ORAL	Does Not Meet Expectations	Meets Expectations	Exceeds Expectations
<b>Overall quality of presentation</b>	<input type="checkbox"/> Poorly organized <input type="checkbox"/> Poor presentation  <input type="checkbox"/> Poor communication skills <input type="checkbox"/> Slides and handouts difficult to read	<input type="checkbox"/> Clearly organized <input type="checkbox"/> Clear presentation  <input type="checkbox"/> Good communication skills <input type="checkbox"/> Slides and handouts clear	<input type="checkbox"/> Well organized <input type="checkbox"/> Professional presentation <input type="checkbox"/> Excellent communication skills <input type="checkbox"/> Slides and handouts outstanding
<b>Overall breadth of knowledge</b>	<input type="checkbox"/> Presentation reveals critical weaknesses in depth of knowledge in subject matter <input type="checkbox"/> Presentation does not reflect well developed critical thinking skills <input type="checkbox"/> Presentation is too narrow in scope	<input type="checkbox"/> Presentation reveals some depth of knowledge in subject matter <input type="checkbox"/> Presentation reveals above average critical thinking skills <input type="checkbox"/> Presentation is adequate in scope	<input type="checkbox"/> Presentation reveals exceptional depth of subject knowledge  <input type="checkbox"/> Presentation reveals well developed critical thinking skills <input type="checkbox"/> Presentation reveals exceptional scope of knowledge across disciplines
<b>Quality of response to questions</b>	<input type="checkbox"/> Responses are incomplete or require prompting <input type="checkbox"/> Responses show no ability to think critically  <input type="checkbox"/> Arguments are poorly presented <input type="checkbox"/> Respondent exhibits lack of knowledge in subject area <input type="checkbox"/> Responses do not meet level expected to perform research	<input type="checkbox"/> Responses are complete  <input type="checkbox"/> Responses show reasonable ability to think critically <input type="checkbox"/> Arguments are well organized <input type="checkbox"/> Respondent exhibits adequate knowledge in subject area <input type="checkbox"/> Responses meet level expected to perform research	<input type="checkbox"/> Responses are eloquent  <input type="checkbox"/> Responses show exceptional ability to think critically <input type="checkbox"/> Arguments are skillfully presented <input type="checkbox"/> Respondent exhibits superior knowledge in subject area <input type="checkbox"/> Responses exceed level expected to perform research
<b>Overall Assessment</b>	<input type="checkbox"/> Does not meet expectations	<input type="checkbox"/> Meets expectations	<input type="checkbox"/> Exceeds expectations
<b>Confidential Comments:</b>			