Lab Presentation Rubric (LPP) – PHY430

	1	2	3	4
Organization	Audience cannot understand the presentation because there is no sequence of information.	Audience has difficulty following the lab work presentation because student jumps around.	Student presents the lab work in logical sequence which audience can follow.	Student presents the lab work in logical interesting sequence which audience can follow.
Content Knowledge	Student has minimal grasp of what the experiment is all about.	Student only manages to explain some aspects of the experiments.	Student explains most expects related to the experiment.	Student demonstrates full knowledge of the experiment by explaining the physics, procedures, data analysis, results and uncertainties related to the experiment.
Answering Questions	Student cannot answer most questions about the experiment.	Student is able to answer only rudimentary questions, but fails to elaborate.	Student answers most questions with explanations and some elaboration.	Student can answer all questions with explanations and elaboration.
Eye Contact	Student makes no eye contact and only reads from notes.	Student occasionally uses eye contact, but still reads mostly from notes.	Student maintains eye contact most of the time but frequently returns to notes.	Student maintains eye contact with audience, seldom returning to notes.

l	<u> </u>	3	4
Student mumbles, incorrectly pronounces terms, and speaks too quietly for audience in the back of class to hear.	Student's voice is low. Student incorrectly pronounces terms. Audience members have difficulty hearing presentation.	Student's voice is clear. Student pronounces most words correctly. Most audience members can hear presentation.	Student uses a clear voice and correct, precise pronunciation of terms so that all audience members can hear presentation.
The group sharing of responsibilities in the presentation and answering questions is minimal.	The group shares some parts of the presentation and answering questions.	The group shares in most of the presentation and answering questions.	The group shares and help each other in the presentation and answering questions.
	incorrectly pronounces terms, and speaks too quietly for audience in the back of class to hear. The group sharing of responsibilities in the presentation and answering	incorrectly pronounces terms, and speaks too quietly for audience in the back of class to hear. The group sharing of responsibilities in the presentation and answering Student incorrectly pronounces terms. Audience members have difficulty hearing presentation. The group sharing of and answering questions.	incorrectly pronounces terms, and speaks too quietly for audience in the back of class to hear. The group sharing of responsibilities in the presentation and answering Student incorrectly pronounces terms. Audience members have difficulty hearing presentation. Student incorrectly pronounces most words correctly. Most audience members can hear presentation. The group sharing of parts of the presentation and answering questions.

The maximum marks for one group presentation = 24

Modified from presentation rubric of:

Author(s): Ronda Larson-Dranter (rlarson-dranter@oakwood.s-cook.k12.il.us) Mary A.Warren (mwarren@enc.k12.il.us).

Created for the <u>Fermilab LInC</u> program sponsored by <u>Fermi National Accelerator Laboratory Education Office</u> and <u>Friends of Fermilab</u>, and funded by <u>United States Department of Energy</u>, <u>Illinois State Board of Education</u>, <u>North Central Regional Technology in Education Consortium</u> which is operated by <u>North Central Regional Educational Laboratory (NCREL)</u>, and the <u>National Science Foundation</u>.