

Scenario: You have been admitted to a graduate program that also guarantees an employed job at CERN. Senior committee members have noticed you have had experience in a Physics 142W capstone course, where you wrote insightful reports for various experiments. Thus, the senior committee has tasked you to write a four page evaluation of a published report they hope to use in future courses and presentations. Your colleagues also hope that you can identify writing strategies they can teach to future physicists. After all, when physicists write research papers, they must ask their peers to critique an initial draft before they submit the draft for publication in an accepted journal.

Objective: Your critique of the report requires you to respond to the following queries:

Based on the clarity of the report, is the subject (and ideas within the report) understandable? If so, can you briefly describe the concepts and problems presented by the report? More importantly, what makes the report worthy of publication? Give specifics, and identify effective writing conventions that work, and should be emulated, by future physicists.

Consider the difficulty of the experiment, the method, and instruments used. Remember to maintain a professional tone and exhibit your knowledge of the science (consider the usefulness of the information beyond the laboratory).