

Senior Project Written Presentation Rubric

Department of Mathematics

Category

Criteria

Logic & Organization

- The problem under study is clearly laid out.
- The student provides context and motivation for the problem: Where does it fit in its mathematical realm? Why is the problem interesting? Why is a solution valuable?
- The student provides appropriate examples, analogies, counterexamples, etc.
- The solution (or partial solution) of the problem is clearly and unambiguously laid out. The overall solution strategy is mapped out, and when appropriate, details are provided.
- The organization of the material should include an introduction, a main body, conclusions, and references.
- Proper rules of citation should be followed.
- The exposition should be free of grammatical errors, typos, and similar offenses.

Content

- The student uses terminology and language that are consistent with established standards of mathematical exposition - precise and unambiguous.
 - The student provides deep analysis of his or her research problem and gives details of its solution or partial solution.
-

Whereas the oral presentation should be at a level aimed at those enrolled in Majors' Seminar, the written report can and should be more technical. Space and time are not at a premium in this case, and the audience is a more mathematically sophisticated one.

For grading, each written report is scored by the project advisor and the instructor for MATH 4394, and those two faculty will agree on a grade out of 40 points based on the above criteria, although the instructor for MATH 4394 has the final say in matters of grading. In the event that the instructor for 4394 is also the project advisor, he/she will ask another faculty member to read and score the project.