

Senior Project Oral Presentation Rubric

Department of Mathematics

Category	Criteria
Logic & Organization (10 points)	<ul style="list-style-type: none">· The talk is 30 minutes, \pm 5 minutes.· 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.
Content (8 points)	<ul style="list-style-type: none">· The student uses terminology and language that are consistent with established standards of mathematical exposition - precise and unambiguous.· The student displays more than superficial understanding of the problem, the context in which it is immersed, and, when appropriate, the details of the solution.
Delivery (7 points)	<ul style="list-style-type: none">· The student's speech is fluid and unhesitant; it is relaxed, yet conveys command of the material and confidence, and different intonations are used to emphasize points.· The student's boardwork (when present) is clear, clean, organized, and relevant.· When possible and appropriate, the student provides graphs, drawings, tables, manipulatives, etc. to illustrate points. to help the audience visualize and understand.· Material projected on the screen has been prepared carefully; it is easily legible by all and can be absorbed before it is removed.· The student makes frequent eye-contact with everyone and is aware of the status of the audience, i.e., are they following? The student is attempts to engage audience.· The student is appropriately attired.

Each category is scored by the faculty in attendance, and then the individual scores will be averaged. All of these scores are based upon the understanding that the student is giving a presentation that is appropriate for the students in attendance at the Majors' Seminar, and the talk is not to be aimed at the faculty in attendance.