

# Math 355 – Grading Rubric for the Individual Project

## Paper (65 points, includes the math-specific points):

Introduction – Overall picture of the project. What is it? What is its significance? Background info on why it was chosen (if appropriate).

5      4      3      2      1      0

Mathematical setup: Intro to what types of math setup will be used. Translate the project to that math setup. Explicit mathematical assumptions.

10    9      8      7      6      5      4      3      2      1      0

Mathematical solution:

20    19    18    17    16    15    14    13    12    11  
10    9      8      7      6      5      4      3      2      1      0

Conclusion: State the result. Implications of the result? Any directions for further study? Modifications to be made in a more detailed analysis?

5      4      3      2      1      0

Writing Mechanics:

Paragraph structure, sentence structure, spelling, verb tenses, regular punctuation, etc. Includes overall organization.

10    9      8      7      6      5      4      3      2      1      0

Mechanics of mathematical writing: Refer to equations/tables/diagrams used within the text, use punctuation with the math, issues in regards to embedded versus displayed equation, etc.

10    9      8      7      6      5      4      3      2      1      0

Do you site your sources appropriately?

5      4      3      2      1      0

## Presentation (35 points):

Do you get the audience's attention, reveal and give the significance of the topic?

3      2      1      0

Do you preview the procedure and/or results before getting to the details?

2      1      0

Is the level of detail appropriate for a mathematical presentation?

5      4      3      2      1      0

Is the talk organized appropriately?

6      5      4      3      2      1      0

Do you site your sources appropriately?

3      2      1      0

Do you adhere to the time limits (10-12 minutes)?

4      3      2      1      0

Is the delivery appropriate? (tone, gestures, eye contact with entire audience)

6      5      4      3      2      1      0

Do you use Computer/Blackboard/Visual Aids appropriately?

6      5      4      3      2      1      0