

# Math 355 – Grading Rubric for the Individual Project

**Did you as an individual help the group as a whole?**

10    9    8    7    6    5    4    3    2    1    0

**Paper/Writing portion (30 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

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

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.

5    4    3    2    1    0

Do you site your sources appropriately?

5    4    3    2    1    0

**Paper/Math portion (30 points):**

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

**Presentation (30 points):**

Introduction: Do you get the audience's attention, reveal and give the significance of the topic? Do you preview the procedure and/or results before getting to the details?

4    3    2    1    0

Is the level of detail appropriate for a mathematical presentation?

4    3    2    1    0

Is the talk organized appropriately?

6    5    4    3    2    1    0

Do you site your sources appropriately?

2    1    0

Do you adhere to the time limits (12-15 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?

4    3    2    1    0