

MA 310 — Grading Rubric for Mathematical Writing

You will receive a score of 0 through 10 for each of the five criteria.

1. WRITING STYLE

Score: _____

A 10 paper is eloquent and effective, with varied sentence structures, good rhythm, fluid transitions, and a distinct voice. A 7 paper is coherent and appropriate, but uneventful and uninspiring. A 2 paper often contains sentences that are not comprehensible and alienating to the reader.

2. ARRANGEMENT AND DEVELOPMENT

Score: _____

A 10 paper guides the reader through the text with organizational clarity and ingenuity, providing the reader with the information that is needed at each moment. A 7 paper does not go out of its way to help readers, but is reasonably well structured and logically sound. A 2 paper is skimpy or bloated, with haphazard organization, regular disregard for logic, and little consideration for the reader.

3. EDITING AND CONVENTIONS

Score: _____

A 10 paper demonstrates maturity with regard to grammar, syntax, word choice, and attribution of sources. A 7 paper is reasonably well edited but features a small number of distracting errors in phrasing, punctuation, citation, etc. A 2 paper has regular or repeated problems with these features that impedes reader comprehension.

4. MATHEMATICAL DEPTH

Score: _____

A 10 paper demonstrates a sure grasp of mathematics, providing insightful connections from the material to other areas of mathematics and science and/or arguing effectively for the value of the material in play. A 7 paper responds appropriately to the assignment, but does not effectively communicate the worth of the material. A 2 paper exhibits mathematical errors that prevent understanding by the reader.

5. MATHEMATICAL STYLE

Score: _____

A 10 paper illustrates the mathematics under discussion with clear proofs, illuminating examples, or a combination thereof, and stimulates the intellect. A 7 paper contains adequate mathematical content, but provides too many or too few details in proofs and/or unenlightening examples. A 2 paper is often incomprehensible, even if mathematically correct.