

Department of Mathematics and Statistics
Paper Rubric

This rubric is used to evaluate the effectiveness of the mathematics curriculum. Please circle the observed level of performance for each characteristic. Add any necessary clarifying comments (e.g., specific strengths or weaknesses) at the bottom.

Course: _____ Faculty Evaluator: _____

Date: _____ Student Code: _____ Score: _____ (out of 15)

	Excellent (3 pts)	Acceptable (2 pts)	Repairable (1 pts)	Unsatisfactory (0 pts)
Structure	Structure highlighted throughout: e.g., appropriately sectioned from introduction thru conclusion; paragraphs are blocks of related ideas; interconnections clear.	Introduction defines the main topic and provides an overview of the paper; body of the paper is divided into sections as appropriate; conclusion present.	Introduction or conclusion deficient; paragraph structure at times haphazard; flow of text sometimes jumpy or confusing; section titles unhelpful.	Paper lacks clear direction and focus; written more like a blog or diary than a mathematical paper; missing either introduction or conclusion.
Bibliography	Correctly cites a sufficient variety of appropriate reference. It is clear what text (if any) is copied from these sources and that these sources enhance the learning.	Includes and cites multiple (non-textbook) references some of which are not online (non-journal) material; bibliography appropriately ordered and formatted.	All material was gleaned from the text or Wikipedia; some references are listed but never cited; other cited gratuitously.	Citation incorrect or confused; bibliography is absent; material has been copied but not cited.
Exposition	Paper has an engaging, thoughtful flow, free of spelling and grammatical errors, and shows excellent awareness of the audience.	Paper lacks elegance, but has few spelling or grammatical errors; examples are correct but unenlightening; few red herrings.	Paper lacks a natural flow. Sentence structure is simplistic or repetitive. Paper suffers from spelling or grammatical errors.	Paper is difficult to follow; sentence structure confused; frequent spelling or grammatical errors.
Mathematics	Mathematical objects clearly defined; all arguments and notation correct; appropriate level of detail throughout.	Arguments are logically correct though some minor details are missing or there are some small errors in notation.	A few arguments omit some important details; errors in notation; a key mathematical objects not defined.	Arguments have major flaws or gaps; distracting notational or logical errors; inappropriate mathematical shorthand.
Technical	All mathematics correctly incorporated into sentence structure; no sentences begin with symbols; no typesetting errors; all figures and equations are properly incorporated.	Most mathematics incorporated in sentences; few sentences begin with symbols; minimal typesetting errors; most figures properly incorporated into the document.	Few mathematical sentence fragments or sentences that begin with symbols; minor typesetting errors; a few failures to properly italicize in equations.	Lists of unconnected equations; distracting font or typesetting errors; many misaligned equations; lack of proofreading.

Comments: