Introduction to PDEs • MATH 314 • Guidelines for Write-Ups

Grading Principles for Written Work:

- typically 80% for mathematical correctness & 20% presentation.
- presentation may count for more on problems that are less technical, and vice-versa.
- adhere to page limits, they are intended to convey the amount of detail you should include in your written explanation.

Principles of Written Communication:

- the point of written work (not just Math 314) is to communicate ideas to the reader.
- the quality of this communication also reflects on your level of understanding.
- consider your student colleagues to be the target readership; this is the level at which the graders will be evaluating your work.

- in producing your own work, focus on: clarity, conciseness & correctness.
- **clarity:** use keywords to explain, not just algebra; organize around key ideas; produce clearly labelled plots & graphics ...
- **conciseness:** streamline your presentation, don't just "dump some math"; eliminate unilluminating algebraic steps, ...
- **correctness:** absolutely. identify simple checks, ...

Principles of Graphical Presentation:

- **you need not include** scripts/code/worksheets/output with write-ups; include as appendices if absolutely necessary.
- label figures completely; must have titles, axis labels & legends.
- identify the important features (don't leave it to the reader to find). All figures must be annotated, that is, write directly on your plots.
- on computed graphics, state all necessary equations & parameters on the plot page (the reader should be able to reproduce the plot).