ProofSpace: Grading Rubric 1

Through the first two units (Preliminaries, Proof Techniques), writing is a major emphasis. The following suggested rubric aligns with that emphasis. Formal proofs will be graded out of 12 points, with either 0, 1, or 2 points assigned in each of the six categories.

	2	1	0
Set-up	Includes the statement to be proven, followed by the word "Proof" and an introductory statement within the proof	Missing one of the above	Missing more than one of the above
Proof Technique	Selects the correct proof technique; correctly articulates associated assumptions	Selects an appropriate proof technique but then articulates incorrect assumptions	Selects an inappropriate proof technique
Mathematical Correctness	Mathematical terms and computations are correct	Minor mathematical mistakes	Major mathematical mistakes
Mathematical Relevance	Mathematical statements and computations are relevant	Some statements and computations are irrelevant	Many statements and computations are irrelevant
Conclusion	Appropriately concludes proof technique, uses a concluding statement, and writes some form of "Q.E.D"	Missing one of the above	Missing more than one of the above
Format; Use of Words and Symbols	Quality formatting and appearance; wording and grammar are correct; symbols are used only where appropriate	Some minor writing mistakes or some symbols used inappropriately	Proof is poorly written or is symbolic rather than in complete English

Note that this rubric is used at the grader's discretion, and does not apply to problems that ask you to list examples, disprove propositions, or state conjectures.