Examlet 2 Example Rubrics

Table 1: Counting combinations (5 points)

Criteria	**Mastered (2)**	**Novice (1)**	**Absent(0)**	
Answer	completely correct	very small error in answer or issue with the form of the answer	completely incorrect	
Criteria	**Mastered (3)**	**Proficient (2)**	**Novice (1)**	**Absent(0)**
Work	work completely correct	work has small error (don't take off double points for answer)	showed no work (correct answer); or large error in work (incorrect answer)	showed no work (incorrect answer)

Table 2: Set inclusion proof (15 points)

Criteria	**Mastered (3)**	**Proficient (2)**	**Novice (1)**	**Absent (0)**
Variable declaration and type	all variables declared before use (including representative element)	variables declared but missing type; or invocation of type missing later when needed	missing most variable introductions	missing all variable introductions
Set definitions	set elements follow set definitions	set elements have a small error	set elements have a large error in form (*e.g.,* Z instead of Z^2)	set elements completely incorrect
Algebraic details	all algebra is correct (chain of equations from one set to another)	small error	large error	completely incorrect
Proof outline	recommended proof technique is used (choose element from small set and show it's in big set)	proof technique is clumsy but mathematically sound	proof technique has some logical errors	completely incorrect or backwards
Style and clarity	easy to follow	argument slightly hard to follow	very hard to follow (*e.g.,* no connector words)	impossible to follow