

## CS 11: Machine Problem Rubrics

### Simple MOBA Battle Simulator

NAME \_\_\_\_\_ DEADLINE Oct 2013

I swear upon my honor that I wrote my own code and that any reusable code that I lifted off the Internet has been properly cited in my code and documentation.

\_\_\_\_\_ (signature)

#### Rubrics

COMPONENT				SCORE
Documentation of code				
No documentation on functions	Comments present on some function or comments do not describe functions well	Comments are present on all functions but do not describe the functions adequately	All functions have comments and describe the functions adequately	
0	4	6	10	
Ability to generate warrior statistics				
Unable to generate warrior statistics apart based on formulae and augmentation	Incorrect or incomplete generation of warrior statistics on both level and item augmentation	Correctly generates warrior statistics either only through level or item augmentation	Correctly generates warrior statistics based on level and item augmentation	
0	8	12	20	
Ability to simulate battles				
None of the following components implemented: HP regeneration every second, attack time simulation, class bonus	One component is implemented correctly	Two components are implemented correctly	Class bonuses are implemented; attack time simulations are correct; damage dealt is correct; HP regeneration applied	
0	12	18	30	
Ability to read files				
Warrior and item details are read but placed in list incorrectly or inaccurately	Warrior and item details are read and placed in list but in inefficient manner	Warrior and item details are read and placed in list correctly and efficiently		
10	18	30		
Ability to write files				
Warrior and item details could be edited but unable to write to file	Warrior and item details may be edited and may be written to file but with format issues	Warrior and item details may be edited in list and written to file either by addition or by replacement		
5	9	20		
Usability				
No splash screen; menu system difficult to use; no help option on menu; not enough prompts	Splash screen and/or menu and/or help option evident but features may be improved;	Outstanding interface; controls are useful and intuitive		
10	18	30		
Extra features				
No added or extra features that make the program unique	Added a feature here and there but are trivial in nature	Amusing extra features added but may need improvement	Imagination	
0	3	6	10	
TOTAL: _____ of 150				