

Final competition Grading Rubric: **Total of 200 Points**

Part	Task	Pts	Full credit	Partial Credit	Little credit
1	Overview of team approach	25	<ul style="list-style-type: none"> - Addresses all parts of the challenge - well motivated design choices - clear explanations - articulate the problems and the solutions - At most ½ a page 	<ul style="list-style-type: none"> -Overall description of approach -Partial explanations and motivations 	<ul style="list-style-type: none"> -Missing overview, -superficial explanation
2	Flow chart of solution	25	<ul style="list-style-type: none"> -Logical flow -Addresses all challenge issues - detailed (states, transitions) - At most 1 page 	<ul style="list-style-type: none"> - terse description - does not cover all challenges 	<ul style="list-style-type: none"> -No flow chart -One/two states -Unlabeled - doesn't make sense
3	Individual contribution	50	<ul style="list-style-type: none"> - Clear description and separation from other group members - motivation of design/algorithm choices -challenges encountered and how they were overcome - Time spent integrating and debugging - At most ½ page 	<ul style="list-style-type: none"> - terse description - little or no motivation 	<ul style="list-style-type: none"> - missing or almost missing
4	Discussion of competition performance (and practice performance for 4 credit competition)	100	<ul style="list-style-type: none"> -What worked well -What didn't work well - In depth and insightful description of problems - For 4 credit: how did the robot perform on the practice map in the lab? Show plots and data - Using competition data to fix/debug algorithms - Suggestions/conjectures of how to fix performance - At most 2 pages (for 4 credit: ½ + 1½) 	<ul style="list-style-type: none"> -What worked well -What didn't work well - shallow discussion - 	<ul style="list-style-type: none"> Little discussion Facts only – no insight
	TOTAL	200			

Note: Treat this report as a scientific paper presented to your community. **Please avoid using many adjectives and avoid writing excuses.** Specifically, do not use the following words: unfortunately, significantly, very well, reasonably well. Quantify your statements; writing “the robot did reasonably well” is meaningless, whereas “the robot was able to visit all the waypoints and determine one of the walls” provides information to the reader.