

Name _____

Grade _____ Location _____



General Requirements Evaluation*

Presentation Display		Descriptive Document (if present)	
Attractive, easy to read, and layout is in appropriate logical order	ND 1 – 2 – 3 – 4 – 5 NA	Organization is clear and complete without extraneous information.	ND 1 – 2 – 3 – 4 – 5 NA
Visual aids promote understanding	ND 1 – 2 – 3 – 4 – 5 NA	Spelling and grammar correct	ND 1 – 2 – 3 – 4 – 5 NA
Shows project in appropriate detail for understanding by audience	ND 1 – 2 – 3 – 4 – 5 NA	Visual aids promote understanding	ND 1 – 2 – 3 – 4 – 5 NA

Robotics and Computer Science Category Evaluation**

Display and Documentation		Other Considerations specific to this category	
The entered robot or software is complete and operational, or if a sub-assembly, it is a critical portion that demonstrates operability.	ND 1 – 2 – 3 – 4 – 5 NA	Methods of handling errors or alternative operating parameters (power, environment, etc.) are included in design considerations.	ND 1 – 2 – 3 – 4 – 5 NA
The function and purpose of the entry is clearly explained.	ND 1 – 2 – 3 – 4 – 5 NA	Entry relates to real-world applications	ND 1 – 2 – 3 – 4 – 5 NA
Any sub-components are described and clarified completely.	ND 1 – 2 – 3 – 4 – 5 NA	Entry and/or associated purpose is original or innovative	ND 1 – 2 – 3 – 4 – 5 NA
The means of operation of the robot or software is explained to an appropriate level for the intended audience.	ND 1 – 2 – 3 – 4 – 5 NA	Operation is repeatable and consistent with the planned function	ND 1 – 2 – 3 – 4 – 5 NA
Design information and/or software source code (if provided) is documented and explained adequately.	ND 1 – 2 – 3 – 4 – 5 NA	Overall design is efficient with extraneous components only for aesthetic reasons	ND 1 – 2 – 3 – 4 – 5 NA
		Entry shows completeness of thought and cause and effect are clearly explained.	ND 1 – 2 – 3 – 4 – 5 NA
		Some part of the operational methodology, materials used, and/or design process is innovative or creative in approach.	ND 1 – 2 – 3 – 4 – 5 NA
Physical interface design and functionality			
Physical or interface construction is appropriate and elegant	ND 1 – 2 – 3 – 4 – 5 NA		
Manipulators and/or displays are used as needed to accomplish the desired tasks.	ND 1 – 2 – 3 – 4 – 5 NA		
Operator input and/or physical sensors are appropriate and understandable for the planned purpose.	ND 1 – 2 – 3 – 4 – 5 NA		
Operational methods are complete and appropriate for the stated purpose	ND 1 – 2 – 3 – 4 – 5 NA		

Additional Notes and Comments

Additional Items for Consideration

Safety Considerations	
Team/External Considerations	
Special Category Considerations	

ND: Not Demonstrated, 1: Beginning, 2: Developing, 3: Acceptable, 4: Accomplished, 5: Advanced, NA: Not Applicable

(*See General Entry Rules and Requirements for further information, ** See Category Description for further information)