

Competition Score Sheet

Participant: _____

Judge: _____

Score Summary

Segment	Points
Design Review	
Loading	
Obstacle Course	
Unloading	
Time Bonus	
Total Score:	

Design review (30 points)

Evaluate the Robot design as presented in the participant's Engineering Notebook. (~3 min per participant)

Element	Description	Points	Score
Programming Logic	Logic diagrams, Source Code	5	
Mechanical Design	Sketches of Physical dimensions and design ideas	5	
Circuit Diagram	Electrical circuit diagrams	5	
Testing Results	Test check lists and results	5	
Presentation	Organization and clarity of notebook	5	
Bonus Points	Innovation and elegant design	5	
Design Review Score			

Comments/Notes

Competition Course

Time to Complete

Time (M:SS)	Bonus Points (<3:00 +10, <2:00 +20, <1:00 +30)

Loading Payload (20 points)

The robot should successfully acquire the payload. Manual robot control by participant and manipulation of robot parts is allowed.

Penalty Points:

Score: _____

Obstacle Course (20 points)

The Robot should navigate the course without human intervention or contact with any obstacles.

Penalty Points:

Score: _____

Unloading Payload (20 points)

The robot should successfully acquire the payload. Manual robot control by participant and manipulation of robot parts is allowed.

Penalty Points:

Score: _____

Penalty Points

Abbrev.	Penalty	Deduction per Infraction
T	Touching payload with hand.	5
M	Manual intervention on Obstacle Course	5
C	Contact with obstacles or boundaries	1