



MEC 2025: SENIOR DESIGN RUBRIC

Design Quality	The prototype is a minimum of 2 levels and occupies the minimum ground area and volume	/10
	Creative and innovative design and aesthetic	/10
	Enter/Exit gate functionality	/5
	Power management (e.g., off-peak zone lighting control) and system reliability	/5
		/30
Testing	Vibration test	/8
	Snow simulation test	/7
	Smoke detection test	/5
	LED vehicle detection test	/10
	Optimized parking spot test	/10
		/40
Presentation	Clear design justification	/15
	Effective use of visual aids and overall presentation delivery	/10
	Confident and knowledgeable responses to questions	/5
		/30
Total		/100

PENALTIES	
Plagiarism	-50
Insufficient Citations	-50
Documents Received After Deadline	-50
Absent Team Member	-25