

Formula Student 2009

Design Judging Score Sheet (Class 1, 200 Series)

University:

Car No.:

Weight (kg):

Judging Team:

Max Points	Assessed Area	Points Awarded	Comments (Judges to highlight particularly strong or weak aspects of the design in each assessed area)
10	Design Report Score (quality of pre-submitted report)		
10	Overall Vehicle Concept (Conceptual appeal, design integration, overall appearance, weight)		
30	Overall Integration of Development (Build quality, preparation, integration and verification of improvements)		
20	Driver Environment & Electrical Systems (Controls, ergonomics, safety, wiring, electrical and electronic systems)		
20	Chassis Design & Development (Frame & structural aspects, suspension, safety, steering, brakes)		
20	Power train Design & Development (Engine, induction, exhaust, cooling, fuelling & starting, transmission and drivetrain)		
20	Practical Design Aspects (Design for profit, manufacture, servicing and adjustability, fitness for purpose for customer)		
20	Application of Engineering Science (Effective use of innovation, advanced analysis, IT design & development, information sharing)		
150	DEDUCTIONS/BONUS(± 50 max) Only use for carryover parts OR overall lack of knowledge TOTAL (before moderation)		<u>Overall Summary</u>

The team should explain what changes for the better they have made to last year's car, how they executed them, and justify why it will be an even better race car. Up to 50 points may be deducted for too much carryover of last year's car and/or lack of understanding of the car's design, development, manufacture and costs. 25 points will automatically be deducted if the car fails to start in any of the dynamic events. A bonus of up to 50 points will be awarded for successful conversion to E85 fuel (within the 150 points total maximum).

Form completed by (write name in BLOCK CAPITALS): _____