

# Formula Student 2009

# Design Judging Score Sheet (Class 1)

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	<b>Design Report Score</b> (quality of pre-submitted report)		
40	<b>Overall Vehicle Concept</b> (Conceptual appeal, design integration, build quality, overall appearance, verification, weight)		
20	<b>Driver Environment &amp; Electrical Systems</b> (Controls, ergonomics, safety, wiring, electrical/electronic systems)		
20	<b>Chassis Design &amp; Development</b> (Frame & structural aspects, fundamental engineering, e.g. load paths, safety, suspension, steering, brakes)		
20	<b>Powertrain Design &amp; Development</b> (Engine, induction, exhaust, cooling, fuelling and starting, transmission and drivetrain)		
20	<b>Practical Design Aspects</b> (Design for profit, manufacture, servicing and adjustability, fitness for purpose for customer)		
20	<b>Application of Engineering Science</b> (Effective use of innovation, advanced analysis, IT design & development, information storage)		
150	<b>DEDUCTIONS (up to -50 max)</b> <b>Only use for carryover parts</b> <b>OR overall lack of knowledge</b>  <b>TOTAL (before moderation)</b>		<b>Overall Summary</b>

- The team should explain fully why they chose this design, how they executed it, and justify with facts and data why it will be a successful race car.
- Up to 50 points may be deducted for too much carryover of previous car and/or lack of understanding of the car's design, development and manufacture, or for failure to participate in the dynamic events.

Form completed by (write name in BLOCK CAPITALS): \_\_\_\_\_