

Formula Student Judges Volunteer Recruiting

Event

Cost, Manufacturing and Sustainability

The Student Entrants

There are two main classes of vehicles at the event, Class 1 and Class 2.

Class 1 incorporates all running vehicles competing in the dynamic events.

Class 2 entrants are typically a rolling chassis, or concept in preparation for Class 1.

Since 2012, the sustainability aspect has been integrated into the Cost event, and is known as the Cost, Manufacturing and Sustainability event.

What They Submit

For this event each of the student teams will submit a cost eBom report before the event, detailing the manufacturing processes, material selected and associated costs of their complete vehicle.

The eBom is pre-assessed before the event for to give a comparative guide to the vehicle cost at the event. The student teams present to the Judging teams (typically groups of 3), the car and demonstrate that the costs report accurately represents the vehicle presented.

Cost Qualifying "Judging"

At the event, they will all partake in "Cost Qualifying" where they can achieve 80 points out of the total 100, the final 20 are achieved by being in the top 6 of the qualifying, granting them a place in the "Cost Final".

During cost qualifying presentation, judges will ask questions to clarify issue identified to enable them to make a fair assessment based on defined criteria they are expected to demonstrate related to cost, manufacturing and sustainability.

Real Case Scenario "Judging"

The end of the presentation concludes with the special task which requires the team to talk about a real world manufacturing scenario for a given component (pre-selected), there is no prompting from the judges at this stage.

Scores from each judging team are submitted to the head cost judge and collated to the master scoring document to build up the overall result of the cost qualifying.

Cost Final "Judging"

The cost final is held on the Saturday, hosted by the head and deputy cost judges where the final scores are achieved for this event.

Each team is given the opportunity to discuss with the judges their score and receive feedback from the judging team during the allocated time slot.

Experience required

Desirable candidates should have at least one of the following areas of experience.

- Manufacturing processes and methodology
- Cost Estimating/ Product Costing
- Tooling and component material selection
- Sustainability/environmental

In addition, an outgoing personality with a friendly approach to people and understanding of academic learning events is highly desirable.

Time commitment

Judges need to be available for

Day 1 Thursday 10th of July (Class 1 and Class 2 Judging)

Day 2 Friday 11th of July (Class 1 Judging)

Day 3 Saturday 12th of July morning feedback session (only lead judges on request)