

TSAE Auto Challenge 2011-12 Student Formula
- Real Case Scenario -
Issued: December 8, 2011

Rule C.3.3.3 states that the third part of the Cost Event will be a “real case” scenario where students will have to respond to a challenge related to cost or manufacturing of the student vehicle.

The real case scenario for this event will be the following:

The Cost Judges have reviewed the Cost Report that you have submitted and they have determined that the cost of the _____ on your car is substantially higher than expected.

Your task at the event is to present the Cost Judges with your proposals to reduce the cost of the _____ on your car by 15%.

The blanks above will be randomly drawn choices of the following:

Frame structure

Exhaust gas manifold

Steering and suspensions

The presentation must fulfill the following requirements:

- No longer than 5 minutes · Flip chart pages (optional)
- No handouts or use of electronic devices.
- Must be based on the system on your car.

Your presentation will be evaluated on:

- The process or methodology(ies) used to develop the proposal(s)
- The alternatives presented
- The credibility and feasibility of the proposal

An additional 5 minutes will be used for the judges to ask questions about your proposal and to request additional clarifications as needed. The team’s presentation skills and materials will NOT be scored. The content of the discussion and the cost reduction proposal will form the basis of the real case scenario scoring.