

**Formula UBC Moving Up 7 Places at the FSAE West Competition**

Working Hard in the Pits



Awaiting Tech Inspection



On the Tilt Table



On-Route to Fuel



Starting Autocross

Thank you to all of our sponsors whose continuous support throughout the year has made it possible for Formula UBC to be competitive in the 2008 Formula SAE West competition.



For the first time in 10 years, Formula UBC was able to achieve two massive milestones: complete a car early and have two fully functional cars. Completing the car early allowed for testing and tuning sessions before the competition where components were fine tuned. We also achieved the goal of having two cars side by side, ready to run at the competition.

This year, the Formula SAE West competition took place from June 25 to 28 at the California Speedway in Fontana, California. Formula UBC arrived in Fontana on June 24, bringing along two well tested, tuned and ready to compete cars. The first day was spent preparing the car for technical inspection. Due to a large lineup, the car did not go through inspection until the next day. Part of the second day was dedicated to static events where the team placed an amazing 3<sup>rd</sup> overall in the cost event and 2<sup>nd</sup> place before the design semifinalists. In the past 14 year history, the team achieved the highest ever cost score, 5<sup>th</sup> best presentation score and 6<sup>th</sup> best design score.

The third day was a very hectic day for the team. The car passed technical inspection in the morning and went straight to the tilt, noise, and brake events. After a few adjustments, the team passed noise and brake and rushed to acceleration and skidpad. The car successfully finished both events with one of the team's best drivers in the car. The team moved up 24 places from last year's result and placed 13<sup>th</sup> overall in the acceleration event. After a short break the team competed in the autocross event with great success as one of our fastest drivers was the car in the first run. The car finished 27<sup>th</sup> overall which put the team in the first third of the competition for the endurance event.



Speeding through  
Autocross

The second run in the autocross event was not as smooth as the first one however! The second driver was towed out of the track due to a broken chain between the engine and differential. The force of the snapping chain caused the differential to rotate and rip a tensioner tabs from the chassis. The car was pushed back to the paddock for repairs where the chain was replaced and the chassis tube and tabs were welded back on.



Cornering in Endurance

The fourth and final day of the competition, the team was expecting a top 15 finish upon the completion of the endurance event. The two fastest drivers were chosen to drive at this final and decisive event. The event started well for the team's first driver as the car was fast enough to pass other cars. The first driver completed his stint, and the driver change went smoothly. The team's second driver, however, was not so lucky. Three laps in the car had a small fire, so the track officials immediately black flagged the car and doused it with fire extinguisher chemicals. It was a disappointing result; especially after all of the adversity the team had faced throughout the competition. That said, Formula UBC is pleased with the improvement in overall position from 2007 and looks forward to further improvement in 2009.



Small Fire in Endurance

Event Points (Points Available)	FUBC Score	Vs. 2007	Place (of 82)
<b>Cost (100)</b>	83.0	+21	5
<b>Presentation (75)</b>	34.2	-21.2	50
<b>Design (150)</b>	60.0	-40	31
<b>Acceleration (75)</b>	51.4	+19.5	13
<b>Skidpad (50)</b>	12.0	+3.8	35
<b>Autocross (150)</b>	57.1	+22.6	27
<b>Endurance (350)/ Economy (50)</b>	0	-	-
<b>Total (1000)</b>	297.7		30

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Overall, Formula UBC is very proud of our 2008 accomplishments and would like to sincerely thank our sponsors for their generous support which has made it possible for us to compete and be competitive. The team has learned many lessons and has gained invaluable experience during the past year. We are excited to start on a new design and make many improvements for the 2009 project.

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