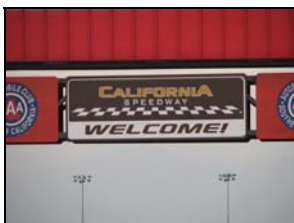


**Formula UBC Returns from the Formula SAE West Competition**

Hour 8 of 14



California Speedway



Pit Setup



Event Preparation



Engine Dyno Setup



Formula UBC would like to thank all of our sponsors and supporters for all their help and contributions towards completing a race car for the 2006 competition.

The inaugural Formula SAE West competition was held from June 14<sup>th</sup> to June 17<sup>th</sup> at the California Speedway in Fontana California. The popularity of the original competition in Michigan led SAE to open Formula SAE West as a second North American competition. Having the competition at an actual racing venue resulted in a dramatic improvement in the quality of the facilities for this event compared to the original Formula SAE event. The field in California consisted of 71 university teams from all around the world, including Canada, the United States, Mexico, Japan, Brazil, Sweden, and Australia.

The Formula UBC journey to the competition was a rocky one, which included a 14 hour delay at the U.S. border. There were moments of doubt, but the team was able to make it through thanks to generous help from the University and a very understanding U.S. customs broker. The team had high hopes to be able to work out engine electronics problems which had occurred one week prior to the competition, but with the border delay setting things back farther, a solution was not found in time to compete in any of the dynamic events. Formula UBC was forced to settle for a disappointing 42<sup>nd</sup> place overall finish. The team took solace in the strength of their performance in the static portion of the competition, where a significant improvement over last year was made in the cost and presentation events. A brief summary of the team's placing is shown on the following page.



Cast Upright by Globe



Completed Bellcrank



Wheel Hub Manufacture



Turbo Manifold



Assembly

More Pictures Online  
[www.formulaubc.com](http://www.formulaubc.com)

Although Formula UBC was unable to compete in the racing portion of the competition, the team was able to learn a great deal by going to California. The competition was a valuable opportunity to talk to other teams about their designs and ideas, in addition to talking to design judges who are primarily automotive industry professionals. Additionally, five members attended a three day seminar given after the competition by Claude Rouelle, a well respected engineer in the motorsport industry. The team members are keen to apply this knowledge to the design of the 2007 car, and have already set new design goals and plans of action in order to make a much stronger showing next year.

### Event Scoring

Event	Place
Cost	15 <sup>th</sup>
Presentation	28 <sup>th</sup>
Design	27 <sup>th</sup>
Acceleration	DNS
Skidpad	DNS
Autocross	DNS
Endurance	DNS
<b>Total</b>	<b>42<sup>nd</sup></b>

### 2007 Design Goals

Formula UBC's design philosophy for 2007 is to direct available resources in such a way that competition scoring is maximized. In addition, the specific design goals for the coming year are:

- Design for Ease of Manufacture
- Simplify Components to Eliminate Unnecessary Complexities
- Elegant Design with Clean Packaging

Working towards these goals, Formula UBC will ensure development of a race car with optimized individual systems that work together as one coherent package, and that is produced with adequate time for driver training and vehicle testing.

