

The UNH Precision Racing team has been working very hard and Car 86 is quickly taking shape! In addition to all the hours in the shop, the team has a lot of other fun and exciting things going on.

Dover High School

A few members of the UNH Precision Racing team visited Dover High School to check out their autobody shop and pre-engineering program. The team hopes to start a partnership with the high school. The high schools students would have the opportunity to shadow team members at UNH to see what engineering is like at the college level and in return, later in the season, the team may be able to use their painting facilities.

Impact Attenuator Testing



The impact attenuator is a crush zone on the front of the car that is designed to absorb the energy from a front-end crash. To comply with the competition rules, the UNH Precision Racing team is required to provide data about the

deceleration characteristics of the crush zone. The team tested a few potential impact attenuators using a hydraulic ram and pressure transducer at Active Shock in Manchester, NH. With this information, the team was able to prove that the crush zone on the front of Car 86, complies with the rules and will provide protection in the event of a collision.

Welding Classes

A long time friend of the team, Fred Soucy has generously offered to teach welding classes for the UNH Precision Racing team. In addition to the welding safety course he has already provided, Fred will be teaching team members the principles and techniques of MIG and TIG welding over the coming weeks. This is a very valuable and necessary skill in the fabrication process and the team would like to thank him for all his time and support.

David Loring Racing

On February 20th the UNH Precision Racing team made the trip to Albany, NH to visit David Loring Racing. Mr. Loring has been racing, designing, and building racecars for over 50 years and gave the team a tour of his facility and the cars he is currently working on. Afterwards, he talked to the team about Car 86 and gave us tips and advice for testing and fabrication.

Rolling Chassis

Car 86 is now rolling! On February 25th, 2009 at 11pm UNH Precision Racing's sixth car, Car 86, rolled through the hallways of Kingsbury

Hall. This is the first time in the team's history that they have had a rolling chassis this early in the season. The team has worked very hard for this and has put in many long days and nights to meet their deadline. Now that the car is rolling, the next step is to tune the engine and fit the controls. At this pace, the car will be ready to drive for spring break during the third week of March. For more pictures, please visit our website at www.unh.edu/fsae.



Upcoming Events

Mechanical Engineering Department's Industrial Advisory Board Meeting – March 6th Memorial Union Building

The team will be presenting our project and progress to an industry panel that provides recommendations to the department.

CEPS Open House – March 28th Kingsbury Hall

The team will again be presenting to the class of accepted students for the upcoming fall to show them one of the many ways they can get involved at the University of New Hampshire. The team will also be displaying the current car in the lobby with a few other student projects.

Undergraduate Research Conference – April 22nd Kingsbury Hall

Along with several other senior design projects, the team will be competing in the annual event which showcases the work of UNH undergraduates.

American Society of Mechanical Engineers meeting – April 28th Alumni Center

The UNH Precision Racing team will be one of the student presenters at the April meeting for the ASME Northern New England Section.

Questions or Comments? Please Contact

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