

## *New Mill & Lathe*

A new bench top lathe and mill have just arrived for UNH Precision Racing. In January the team submitted a proposal to the UNH Parent's Association and they have been granted funding for two new machines and the tooling to go with them. Not only will we be able to use the machines in the project room, but we will also be taking them to competition with us in May which is extremely important since there will be no free machine shop available at competition this year. Both are set-up in our project space in Kingsbury Hall. Thank you UNH Parent's Association!



dations about the curriculum and possible changes to make. UNH Precision Racing was one of three student teams to present during this meeting which gave the board insight into how well the students in the mechanical engineering department are prepared for the transition into the working world. The other two student teams were UNH ROV (Remotely Operated Underwater Vehicle) and Thermal Analysis of the UNH Data Center.

## *Industrial Advisory Board Meeting*

Each year the Mechanical Engineering department hosts a meeting with its Industrial Advisory Board. This board is composed of industry professionals, many of whom are UNH graduates, who provide the department with recommen-

## *CEPS Open House*

During the Open House for the College of Engineering and Physical Sciences, the UNH Precision Racing team was able to introduce the accepted students to the organization and give them an idea of what their engineering education at UNH could be like. After a short presentation and video, the students were invited to look at a previous car and the current car in Kingsbury Hall during department tours. Several stu-

dents seemed very interested and could be some of the freshmen on next year's team.

### *Finish and Assembly*

Since meeting our rolling chassis deadline last month, all other essentially components of the car have been fabricated. Many of the aluminum parts were sent out for anodizing and the steel parts have been sand blasted and painted. The team is currently working on final assembly and wiring to make the car track ready.

### *Engine Tuning*

In addition to assembly, the team has also been working hard to get the engine tuned in preparation for our first track in a few short weeks. Any intake and gas leaks have been successfully sealed and the powertrain subgroup is on its way to a solid base tune. They have been running the car after hours to tweak the fuel and timing maps until they are just right. The car is almost ready for the chassis dyno.



### *Carbon Fiber Components*

The team has also been working on several composite components for this year's car. Custom Composite Technologies in Bath, ME has been helping our aerodynamics and powertrain subgroups with the construction of the sidepods and intake plenum. The students traveled to their shop to learn about the fabrication process and lay-up the carbon fiber parts.

### *Questions or Comments? Please Contact...*

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