

After a busy month of exams and thesis deadlines, the TAU Racing team are back in the workshop and are in the final stages of completion of the TAU-I 6 car. In addition to the manufacture, the team are preparing for the Static Events at the 2016 Formula Student UK competition held from the 14th – 17th of July at Silverstone, with the aim of maximising our points at the event.



Following a strong drive from the Chassis Team, the TAU-I 6 chassis is nearing completion. The completed chassis will be painted by the North East of Scotland College along with the TAU-I 6 bodywork. The team would like to thank Custom Craft (<http://customcraftscotland.co.uk>) for manufacturing our new exhaust manifold to fit the TAU-I 6 chassis; we are very pleased with it and look forward to assembling it in place.



TAU Racing is pleased to announce that our Head of Chassis, Nathaniel Carr, has been offered a yearlong placement at Mercedes AMG High Performance Powertrains, who design and manufacture Mercedes Formula 1 racing engines. The placement is located at the Mercedes-Benz Technology Centre in Brixworth, Northamptonshire. The team are delighted for Nathaniel and wish him all the best for his placement. We look forward to hearing the ideas he will bring back to the team!



Nathaniel in TAU-I 5 at FSUK 2015



Will machining the rocker inserts on the lathe

The majority of TAU-I 6's components have been manufactured in-house by the University of Aberdeen's workshop. This year the front uprights were designed as part of a thesis project and were machined in the CNC machine. Our sponsor, Cowie Engineering (<http://www.cowieengineering.com>) has manufactured the front hubs which were designed as part of a thesis project. These two designs have contributed to the weight saving effort in the TAU-I 6 wheel assembly as well as improving the manufacturability of these components.



In addition to the Dynamic Events held on track at Silverstone, there are a number of Static Events which challenge the teams' budgeting and presentation skills. TAU Racing were delighted to have placed 1st in the Cost, Manufacturing and Sustainability Event at the 2015 FSUK competition out of over 100 teams. Over the year, the team have prepared a 250 page Excel document which details how each component was manufactured and the associated costs. The team have high hopes for this year's Cost Event and hope to maintain our first place title!



Tom and Arran completing the Cost Report



TAU Racing are pleased to announce that we will be attending the 2016 Scottish Transport Extravaganza at Glamis Castle on the 9th – 10th July with our sponsors Grampian Fasteners and MotoGF (<https://www.grampianfasteners.com>), who have supported TAU Racing since the team's onset. The Beta tools and fasteners provided by Grampian Fasteners and MotoGF have greatly assisted TAU Racing with the manufacture and assembly of TAU-I6. The Scottish Transport Extravaganza will see the largest gathering of vintage, veteran and classic vehicles in Scotland and promises to be a great day out, we hope to see you there!

Following the assembly of TAU-I6, the first testing session is planned for early July at the Grampian Kart Club (<http://www.grampiankartclub.com>) at Boyndie near Banff. Testing is essential to ensure that all components are functioning correctly, that the car is performing well and to conduct driver training. TAU Racing members attended a track work party day at the circuit in May, it was great to meet fellow motorsport enthusiasts and help maintain the track. TAU Racing would like to thank Grampian Kart Club for the use of the track, their support over the years has proved invaluable to the team.



TAU-I5 testing at Grampian Kart Club



Over the next month, TAU Racing will be completing the assembly of the TAU-I6 car and testing at the Grampian Kart Club track to ensure the car will produce competitive times in the Dynamic Events. The team will also be preparing for the Static Events with help from our alumni members. Keep an eye out on the TAU Racing website and social media sites for updates and pictures from the final stages of manufacture and from the 2016 FSUK competition.