

GCU Racing

Issue Five – January 2020



Updates!

Thanks to everyone who attended our pub quiz in November!

Full team meeting
5th of February at
1pm !

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Welcome to the GCU Racing newsletter

Welcome back to the GCU Racing newsletter, for the first issue of 2020.

This month we welcome TJ Scott as the inaugural deputy R&D head, you will hear from TJ further on in the newsletter. With every passing edition of the newsletter we get closer to Silverstone, but this month it should feel particular close, as GCU Racing has officially been offered been a place in the Imeché 2020 Formula Student competition.

Thank you for all of your hard work and support!

A message from the president

Hello everyone and thank you for reading our latest newsletter.

This month has been very busy for all the team as everyone has been working towards deadlines for their modules. However, the team has managed to find time to make progress on the development of different aspects of the car. Recently the marketing team hosted a successful pub quiz night which raised in excess of £100 towards the funding of the car.



Updates from the design teams

Miscellaneous team – Andrew Jenkins

The Miscellaneous continued work on designing the aero package, along with looking into details on how the dashboard and steering wheel can be manufactured.

Control teams – Cameron Mackie

The control teams are currently in the process of finalising current designs, and contacting parts suppliers for discounts and we also running through the calculations to make sure our part designs will stand up to the loads of a formula student car



Frame and body team – Joshua Mordecai

This month the Frame and Body team worked towards our frame design, we dedicated resources towards learning the ins and outs of the Formula Student requirements for the frame and body. We also have begun assembling our welding table, which we will use to assemble our frame.

Electrical Team – Callum Hastie (Interim)

The electrical team has recently gained two new members who are working hard on the required electrical shutdown system and other safety systems. The team is currently evaluating the cost of each electrical component including the necessary sensors which can be costly.



Engine team – Louis Carlin

This month the engine team procured their engine, removed from a Suzuki GSXr600 k7 Sports bike, which will be used for the 2020 car.

Deputy R&D head – TJ Scott

Hi, Im TJ. A first year CAME student and I've been playing with engines since I was 8. Since then I've been working with machines in both professional and personal capacities. I have an in-depth knowledge and experience of the mechanicals of engines, suspension setup and also a working knowledge of composites and bodywork. Having done a bit of everything from restoring farm machinery (more fun than it sounds), modifying cars for the track, prepping race cars and even building a bike engine race car, hopefully I can apply a bit of that experience to what we are doing within the team and help out wherever I can.

