

Scarborough UTC News Flash
Friday 15th July 2022

INTRODUCTION

Dear parent/carers

I introduced the parent newsflash in my first week at Scarborough UTC in April 2018. At that time there was limited communication with parents and the newsflash has ensured that important and interesting information about the Scarborough UTC community is communicated to parents routinely each Friday.

I have really enjoyed writing the introduction of the newsflash each week and keeping you up to date and informed about life at the UTC. Next week, on the last day of term, we will issue the final Pipeline of the academic year and so this is the final newsflash of this year and also my final newsflash as I move into retirement this summer.

Leading a University Technical College is an enormous challenge and privilege and one that has been incredibly fulfilling for me. Technical education is crucial to the economic prosperity of this country and we know that many of our students have progressed into excellent technical careers as a result of the time they have spent at the UTC. I have delighted in watching our children develop into well rounded young people fully prepared to take the next steps in their career and life.

No child has to attend a UTC and so your support as parents of children at the UTC is essential in enabling the decision to move schools and benefit from the UTC's unique approach. Our reputation and unique culture and ethos have now ensured a strong future for the UTC, with over 130 new students joining Year 9 and 10 this September.

Never say goodbye because goodbye means going away and going away means forgetting.
J.M. Barrie

We leave something of ourselves behind when we leave a place, we stay there, even though we go away. And there are things in us that we can find again only by going back there.
Pascal Mercier

Thank you for your support.

Mr Kilgour
Principal

HELEN DOWDS, PRINCIPAL



Dear Parents & Carers: It is a real pleasure to be contributing to this my first newsflash. Coast and Vale Trust appointed me from 11th July and I have spent the last week getting to know the UTC. It has been a brilliant week, a true pleasure and honour; the team of staff are so strong; they have such care and expertise, it is no wonder the pupils I have spoken to this week have been a delight and are flourishing under the care and support they are offered - each one really appreciates the superb chances they have by attending the UTC.

I am sure we all want to pass on our very good wishes to Mr Kilgour who has worked tirelessly to put the UTC on the National and Global stage in terms of success and accolades. I look forward to getting to know you all better in September.

Helen Dowds, Principal

T&L@SUTC

Our Y12 engineering students are getting a unique opportunity to participate in four employer visits next week. We are jumping in the college minibus to visit Firmac, Osprey, Unison and Deep Sea Electronics. Both mechanical and electrical pathway students will be attending, the visits involving a tour and specific information relating to their courses. The employees guiding us will be highlighting electronic manufacture, testing and development applications and processes, alongside the use of automation, control and robotics, within their industry settings. This experience will enable students to gain valuable knowledge and understanding of industrial applications relating to theory they will be studying during next years units of study. Many thanks to our local employers for giving our students yet another unique opportunity to enhance their teaching and learning at Scarborough UTC.

ASSESSMENT AND CURRICULUM

Summer Update

Following on from an excellent excursion to Cayton bay this week, our Y10 students can look forward to their end of year trip to North Yorkshire Water Park on Friday 22nd and our KS5 students are headed to Go Ape at Dalby forest on Thursday 21st. Please ensure consent forms are returned and payment is completed by Monday 18th. Students will finish for the summer at 1:25pm on Friday 22nd July 2022.

September restart

All students return for academic year 2022-23 on September 6th 2022. Full details of the phased restart will be communicated by email, so please check your SUTC emails.

Communications

There are routes of communication that are essential for all parents and students to make reports and requests. Our general email port of call is enquiries@scarboroughutc.co.uk on most occasions, this allows reception to deal with information and pass key messages to the appropriate staff and departments.

Importantly should you wish to pass on information about bullying concerns please contact: Antibully@scarboroughutc.co.uk this secure email is displayed in college and should be used by students and parents.

In addition, the following secure safeguarding email is available and information directly goes to the Designated Safeguarding Lead (Mr. J. Connell) and Deputy Designated Safeguarding lead (Mrs. McLeod).

DSL@scarboroughutc.co.uk

Business Dress

We realise at this time of year, student's college business dress may become a little tired or outgrown. It is important that the quality of this aspect is maintained and we can support with items, so please contact us if there are issues.

College business dress can be purchased from Yorbrand on Victoria Road, if you are ordering new suits etc. for September please do so as soon as is convenient. We have significant numbers of new students for September and ordering early is crucial. With this in mind business dress in line with college policy and the wearing of black shoes or boots (not trainer style) will be fully enforced from September.

DATA corrections

If there are any amendments to the parental contact information held on our system, such as phone and email changes. A new data form can be collected at college reception. This allows us to ensure that emergency contacts are accurate. Should you wish to request a change of data such as address, contact phone number or email etc. please contact: Datarequested@scarboroughutc.co.uk

Behaviour and Safety

It is important to continue the highest standards of business dress policy. Lanyards and ID cards are mandatory for safeguarding purposes, lost lanyards and cards can be replaced at reception. Please check and ensure that equipment, stationary and **scientific calculators** are in good working order.

Maintaining 100% attendance is important to ensure we can continue to support progress effectively. Students are supported through tutor time with attendance challenges. Attendance is a very important focus for all students to ensure we can support attainment throughout the summer term. A hard-working environment is vital to ensure students feel safe and make continued progress.

All Years: All assessment information, Attendance, Professional values, behaviour and target information is published on the "My Child at school" app. This is a secure and personal portal that allows you to assess the progress of your child at any time. Invites for the portal have been issued. If there are any issues accessing the app, please report this to enquiries@scarboroughutc.co.uk for further assistance. Registering for the APP is vital as this is the primary method of regular communication to parents.

Y10 & 12

Good routine revision practice is essential throughout this period in Year 10 and 12. Students complete a number of assessments across statutory subjects and Engineering or Health Pathways, it is important that students pay due attention to coursework deadlines and revise regularly.

Please check MCAS for updated targets, assessment data, behaviour data and attendance data. Regular revision should be in place to prepare for ongoing exams. Assessments include formal exams, class assessments, GL tests and CAT Tests. This assessment will be used to determine class setting in September for core subjects. Assessment information is scheduled for release in the week commencing Monday 18th July 2022.

TECHNICAL EXCELLENCE

News from Systems Control: this week with our Year 12 students on our Electrical/ Electronic pathway, students have Year 13 specifications for their electrical units next year, seeing how it builds on their Year 12 work; an aspect of Unit 8 Electrical Operations is to be able to construct circuits so I've introduced some datasheets for the parts needed to make an adjustable power supply unit. Students will need to get the relevant data for the sizes of components such as heat sinks and transformers in order to make an appropriately sized PCB.

Our final lesson is this week, the final Electrical and Electronic design lesson of 2021/2022! Students are out next Monday with a fantastic day out of college meeting some of our sponsors, such as DSE (Deep Sea Electronics) at Hunmanby and students should get a lot out of the visit and be able to see for example printed circuit board (PCB) design, pick and place robotics putting surface mount components on to PCB's, solder re-flow ovens, and a host of PCB testing and quality assurance processes.

Year 10 students were manufacturing their own printed circuit boards (PCBs) in the workshops this week as well, using the photo-resist method, and sodium persulphate etching solution. Some students progressed to completing bare board electrical tests called continuity testing, to check the integrity of the copper nets (the 'wires' which are the connections on a printed circuit board). If any one of the copper tracks is not electrically conductive, either due to small scratches, too much time in the photo-developing solution, or too much time being etched, the process has not worked and the PCB is rejected (after a photo) and another one attempted. With students in complete control of their timings and PCB handling, it is expected that some boards might fail at this stage, but that also, by this stage, they will have the confidence to repeat the task, and monitor timings more closely. It is a feature of the higher mark bands that students can show awareness of any issues, then work to modify them and take action to rectify any errors this is something that you can only learn by doing it - technical excellence and employable graduates will have this confidence and level of expertise.

It is superb seeing how far students in year 10 have come this year, and seeing students working on their circuit manufacture, or using digital multimeters to check their PCB quality, or stopping back to just push their coursework quality to a higher standard tremendous!

Please pass on a "well done" where your child has been showing a mature approach to their learning this will be visible in their end of year reporting marks. For those who are not quite

there, I'd say that you are defined by your approach, your attitude and how hard you try, so that with a positive approach and some determination anything is possible! If your child perhaps has not attended any of our sessions, or perhaps feel daunted by the challenge, try to be positive about the opportunities we have here to turn it around and we can support your child. It's not easy but we said at the start of the academic year that students would be challenged.

Here is R.S. Arrighi talking about NASA propulsion systems and I do like this quote:

"the way you learn something is that something fails, and you have to figure out not to have it fail again".

Have a great weekend, from Mr Brown

DATES FOR YOUR DIARY	
Term ends:	Friday 22 nd July 2022