

Scarborough UTC News Flash

Friday 17th January 2020

INTRODUCTION

We are now in phase 2 of our drive to recruit our students of 2020 to join the UTC in year 10 and 12 this coming September. University Technical Colleges are unique places, in that no one has to attend them, but instead make a conscious decision and choice to do so.

In year 10 it requires students and parents to make the decision to move school at the end of year 9, which may disrupt learning and impact on friendships and routines. In year 12 it requires a conscious decision to go against the norm, that is choose to attend provision that is relatively new but that is getting good results. In addition, I still speak to people across the region who are unaware that the UTC has a Sixth Form.

In writing to you, as parents of students in either KS4 or KS5, I am completely aware that you know all of this because you have already gone through that process. I am also aware that you know all about us, our curriculum, the ways in which we support your child to succeed, the many opportunities we provide and the work we do with key employers and of the course the ever improving outcomes and excellent destinations achieved by our students.

We have now gathered a wide range of wonderful testimonials from you, our parents which acknowledge the excellent work we do with your children. I therefore write to you as our advocates and ask for your support in ensuring 2020 sees our largest intake of students yet, and ensures that we continue to go from strength to strength. Listed below are the details of the next recruitment events. Please help us to promote them through family, friends and colleagues.

Open Week (for all ages) 20th – 24th January – make an appointment and visit the college any morning that week and have a tour during a normal working day

Sixth Form@Scarborough UTC Taster Day on January 24 – please book to attend

Year 10 Open Evening on 13th February – book through the website

Further details are available for all events on our website: <https://www.scarboroughutc.co.uk/>

“Absolutely great place for kids to learn. My lad started year 10 this year he has grown up so much and for the first time in his life he actually likes going to school. I can highly recommend this school. Keep up the great work.”

“Superb provision. My son is doing great here, much better than his previous secondary school. Thanks for supporting him.”

“He has thrived since coming here, thanks for what you do.”

Thank you for your support.

Mr Kilgour
Principal

TECHNICAL EXCELLENCE

News from Systems Control Engineering this week.

Year 10 students have started their coursework assessment units this term, the first of which, Simulate*, Construct and Test electronic circuits, gives them opportunity to demonstrate the full engineering cycle, from a set design task, through iterations using a simulator. Students will test the design for functionality using virtual test equipment like an oscilloscope and multimeter for current and voltage to ensure that it will work as intended before then designing a circuit board. The software "engine", to use that term, for our simulation tools goes back a long way, to something called SPICE (Simulation Program with Integrated Circuit Emphasis) which was first released in 1973, that's 47 years ago, and it is recognised as a milestone in the development of electronics. Initially written in a language called FORTRAN - used by NASA in the Apollo space program. We take for granted now that a drawing of a circuit with Integrated Circuits (IC's) can be joined with other components and simulated to behave as the circuit would if manufactured, but there is a remarkable amount of coding going on to make it happen - thank you Lawrence Nagel who developed it - Engineering Pioneer!

Year 11 students have started a new unit too, Process Control Systems, examining how computing power, specifically microprocessors and microcontrollers, before designing, simulating and testing a control system, finally creating a test plan for their solution. Year 12 have begun to investigate types of circuit protection such as fuses and circuit breakers, whilst Year 13 have had a change from their investigations to look at Safety legislation and codes of practice associated with working with electricity.

It's been a challenging week with a lot of new learning for our students - which is just how we like it!

T&L@SUTC

This week Unison are continuing to offer specialist support for Scarborough UTC students in the development of Computer Aided Design skills through the delivery of a CAD Workshop. Mike Lawson, Design Engineer, and two of his apprentices will be available every Friday afternoon for drop-ins from sixth form students and a focused session for identified Y11 students. This will enable Y11 students to improve their CAD skills and directly affect their achievement within the first coursework task attempted; design of a robot vacuum cleaner. If your son/daughter has not been approached to attend the session, but would like to, do encourage them to talk to Miss Griffiths to secure a place. This is a further unique opportunity for students at Scarborough UTC to undertake meaningful project work with our employer partners.

ASSESSMENT AND CURRICULUM

Assessment and Revision Update

Thank you to parents and students for the support and attendance at exam preparation evening.

During the evening Y11 parents and students received the GCSE exam schedule and further guidance for revision and support on the lead up to the final exams, which start on May 11th 2020.

Subject directors were available and there to give valuable presentations and lead discussions on ensuring the best support through revision, intervention, mentoring and planning to gain the best outcomes in summer 2020.

Information issued to students and parents will be accessible via our website <https://www.scarboroughutc.co.uk/useful-info/exams/>

The spring PPE exam schedule commences on February 24th for KS5 and 28th for KS4. Students will sit full PPE exams and external moderators will be in place. It is important that good revision routines are maintained from this point and students access the online study support via Kerboodle, Google classroom, Hegarty Maths, Seneca and GCSE Pod. **20 to 30 minutes per night per subject is a good guideline and details are on the link above.**

Students have received Summer exam timetables.

Assessment feedback and intervention

It is good to share the excellent progress students are making and provide key information on how to further secure successful outcomes. Our assertive mentoring and subject mentoring programs started on Monday 13th. These systems of student support will continue as rolling programs until final exams. Students involved will have senior and director staff as mentors to support, organisation and target setting.

In addition to subject interventions and evening revision classes currently in place, weekly support in study groups will target students for personalised subject support for a further two hours each week. This study support will take place starting on Friday 17th during enrichment.

During February half term the Engineering team will lead coursework catch up days on Tuesday and Wednesday from 9am to 1pm. In order to attend the sessions students must return the letter of consent by Tuesday 21st January for a place. This is to confirm a full commitment to attend during the holiday week and to guarantee effective planning and staffing.

A reminder about Parental Communication

All published achievement data, attendance, and behaviour is on My Child at School. Details for logging in are issued by email. Feedback on the APP from parents who have logged on is very positive. Information provided follows our Professional values ethos and is useful to provide incentive, motivation and encouragement to work hard and do well in college. The MCAS App keeps you up to date with progress data, professional values and attendance.

We aim to ensure that all parents can access and keep up to date with student progress. If there are any issues downloading the smartphone APP please contact us for assistance. We will contact if records show that the app is not in use in order to provide further help.

LITERACY

Word of the Week: Despot

This is to support the Holocaust Memorial Week and the poem's in English Literature: 'Hawk Roosting' by Ted Hughes and 'Ozymandias' by Percy Shelley, which both consider the concept of dictatorship and its effects.

The first instalment of His Dark Materials was listened to in Form - students are really enjoying the characterisation of Lyra Lord Asriel.

A copy of the comprehension questions are here if you would like to quiz your child on them!

What impression do you get of Lyra?

What is her daemon's name?

What is her relationship like with her daemon?

What does Lyra see that causes her concern, and what does she do about it?

What impression do you get of Lord Asriel?

What is Lord Asriel's daemon?

What is the Master's daemon?

What is special about the

Tokay according to the Butler?

SIXTH FORM

Some Year 12 students went to Durham University this week for a day at St. Chad's College as part of The Brilliant Club Scholarship Programme. Student had a tour of the University College and Cathedral during the day. There were study workshops and we were also introduced to our link scholar Rebecca Newton who will be mentoring them through their projects. They will graduate in May. There are also eight Year 10 students participating in this stretch and challenge project.

We are delighted that Alex Clark has been offered places to read Engineering at the University of East London and that all of our UCAS applications have been sent.

There have been more exams happening this week and next with Year 13 Engineering. Students have conducted themselves professionally at all times and we wish them well for their exams next week. Many students are now working on their Unit 9 Engineering Design and have until January 20th to submit their work. I am delighted that so many have increased marks from their previous grades.

Sixth Form will be visiting Barcelona in July for our first Sixth Form Visit to this city by the Mediterranean Sea. It is full of culture, sport and sunshine and students will be visiting Gaudi's Sagrada, Monserrat and Parc Guell as well as exploring the city. Letters were sent out at the end of last term to all students and the deadline for deposits is the 30th January 2020. Places are limited so do ensure that you return yours as soon as possible.

Our first ever Sixth Form Taster Day will take place on 24th January and students in Year 11 from the UTC and elsewhere will get the opportunity to sample different A levels and life in the Sixth Form here at Scarborough UTC where we have over 15 Courses to choose from. Do let people know.

CAREERS

Interviews have taken place this week with Year 11's with our careers officer Neil Forster. We hosted many local colleges and Apprenticeship Providers at our Year 11 evening on Thursday to help guide students for their post 16 choices. A reminder that all students should use their Gro far account so that they can get up to date careers advice and guidance.

ETHOS

Assemblies focused on the importance of Martin Luther King. Mr Connell led assemblies and discussed the Civil Rights Movement in America and why MLK is such a pivotal and inspiring historical figure.

Our image of the week has been by Augusta Savage and looks at Black History – The Harp is situated in Harlem New York City.

Thanks to everyone who sent in items for our Christmas Hampers to The Rainbow Centre. We were able to send 8 boxes and gave many to Age UK who came along to our excellent Christmas Coffee Morning on December 19th.

We are pleased to report that we have now raised over £200 for Stand Up to Cancer. Our next Cake Sale will be on Friday 31st January so do send in cakes to support this event

Students of the week are:

Y10 - Luvnish Juggoo and Riley Reynard

Y11 - Jaik Herrington

DATES FOR YOUR DIARY

Spring Half Term	17 th February – 21 st February 2020
End of Spring Term	Friday 3 rd April 2020
Easter holiday	6 th April – 17 th April 2020
INSET Day	Monday 20 th April 2020
First Day of Summer Term for students	Tuesday 21 th April 2020
Bank Holiday	Friday 8 th May 2020
Summer Half Term	25 th - 29 th May 2020
End of Summer Term	Friday 17 th July 2020