

Scarborough UTC News Flash Friday 15th February 2019

INTRODUCTION

Dear parent/carer

On Thursday 21st February we are running an Open Evening at Scarborough UTC building from 6.00pm to 8.00pm. All our current year 11 students are invited to consider options available to them in the Sixth Form@Scarborough UTC. We will have a host of our employer partners in attendance including University of Hull, Unison, Firmac, DSE and others. The evening will consist of a range of hands on, exciting activities and demonstrations and opportunities to speak to key people about careers in engineering and computer science/cyber. Our cyber pathway has recently been launched and for students joining us in year 12 this September it will provide a unique opportunity to develop the knowledge, skills and understanding needed to follow a career in this hugely in demand sector. At the open event there will be the opportunity to hear from representatives of our partners including GCHQ about the challenges that cyber security presents to industry now and in the future. We are looking to break all attendance records for this event and so please spread the word and invite friends with son/daughters in year 9 or year 11. We look forward to seeing you on the evening.

As a University Technical College, we need to provide a curriculum that builds on our employer partnerships, our distinctive ethos and our drive to develop Technical Excellence and Employable Graduates. Currently we have one clearly defined specialism in engineering; this is well established, has excellent industry standard facilities and is one of the main reasons students choose to attend the UTC. Today we are at the start of an exciting journey in establishing cyber as a second specialist area as we offer courses in computer science, IT and cyber security, both at age 14 and in the Sixth Form from this September. As with engineering we will be able to enhance our students' learning experience and validate its relevance to the real world through significant involvement with our employer and other partners such as GCHQ and the University of Hull and University of Sheffield's , Advanced Manufacturing Research Centre. Cyber security is incredibly important for businesses in the UK and around the world and offers significant challenges in protecting our digital infrastructures, not least businesses ability to recruit the right calibre of staff to work in this key area.

The threat of cybercrime to businesses is rising fast.

New figures show large numbers of businesses and charities suffer at least one cyber-attack in the past year. Businesses are urged to protect themselves against cyber crime after new statistics show over four in ten of businesses and two in ten charities suffered a cyber breach or attack in the past 12 months.

Thank you for your support.

Mr Kilgour

IN ASSEMBLIES THIS WEEK

This week we have had Lt. Col Alex Bennett leading assemblies to Years 10 , 11 and 12 on the theme of Love and Hate. He explained how the Greeks have different terms for love including :self love, friendship love, parental love, charitable love, idealistic love and romantic love. He explained how we must guard against the use of the word hate in all of our dislikes. Thank you to the Armed Services for supporting the UTC in this way.

TECHNICAL EXCELLENCE

Firstly huge congratulations to our students who took part in the Rotary Technology Tournament this against other local schools and colleges. The students had to design and make a flashing beacon that went off a set amount of times in 10 seconds and we're delighted to say that after 5 hours of designing and construction based upon a brief they had not seen prior, came away with best intermediate & advanced team prizes along with collecting the overall best team in the tournament for the third consecutive year, which this time was won by our KS4 students! Yet another fantastic achievement and more evidence that the skills we are teaching here are second to none.

Also this week we have officially launched our new Cyber Pathway at an event held on Friday here at the UTC in our engineering workshop. In conjunction with the University of Hull we held a business breakfast for local businesses on the theme of cyber terrorism and how we need to upskill future generations to guard against it. Almost 40 people were in attendance, including our MP Robert Goodwill, and they heard expert key note speeches from Professor John Clark, a lecturer in Computer and Information Security at Sheffield University, Professor Steve Kelly from the faculty of Engineering at our partners the University of Hull and a special guest who cannot be named for national security reasons from GCHQ! It was a great event, and also provided an opportunity for some of our 6th Formers who are interested in this area to network with specialists in this field. As ever the support of our partners and local industry is immense and we're very lucky to have them involved.

REVISION

There are many revision resources that students can use to help them with their revision. We have just purchased GCSE POD and all students have access to this valuable resource. Just create an account with your child using their Scarborough UTC email address and it is ready to go.

TEACHING AND LEARNING

This week our teachers have embarked on a program of lesson study as a part of our CPL (Continued Professional Learning) sessions. In short, lesson study involves teachers working in small teams to develop, trial, evaluate and refine a teaching strategy to address a need or progress gap. The process will take place during the Spring and Summer terms and involve teachers visiting each other's lessons to observe and develop practice. Teachers working in collaboration in this way is a fantastic method of sharing good practice and pedagogy across experience and subject ranges and, ultimately, will improve student experience and progress within our lessons.

SIXTH FORM @ SCARBOROUGH UTC

Year 12 had a briefing about Open Evening and all students from Year 12 are expected to attend next Thursday for our Open Evening to guide visitors around the school and develop their leadership skills. A buffet will be provided.

Students in the Sixth Form will have access to the MANTRA truck from AMRC on Wednesday period 2 and P.5 and 6 next week.

Students in Year 12 have been sent an application form for a FREE event at YORK UNIVERSITY – The Mock Open Day is designed to give your students a taste of what an HE open day is like. We hope that by attending this day, your students will gain more knowledge about higher education and feel more confident when they start to attend real open events. More information can be found under the parent comms section of the website.

DATES FOR YOUR DIARY

Pre Public Examinations for year 11 and 13	18 th – 22 nd February 2019
Open evening	Thursday 21 st February 2019
Spring half term	25 th February – 1 March 2019
End of Spring Term	12 th April 2019
Easter holiday	15 th April – 26 th April 2019
INSET Day	Monday 29 th April 2019
First Day of summer term for students	Tuesday 30 th April 2019
First day of GCSE and A level examinations	Monday 13 th May 2019