



UTC
WARRINGTON

INSPIRING
TECHNICAL CAREERS

Excellence & Kindness

WEEKLY FRIDAY 15TH MAY BULLETIN

YEAR 10 WORK EXPERIENCE OPPORTUNITY

From Monday 18th May, all students are invited to take part in a week long programme run by a number of partner organisations who are working to engage young people through online learning activities.

The programme of activities will challenge students to use their digital engineering and construction skills to achieve the following:

- Find out about engineering in different environments
- Engage with a wide range of engineering professionals to provide advice
- Learn more about the professional engineering and construction industry
- Develop new skills, research facts and work in teams

At the end of the programme, students who successfully complete the work experience will be awarded an **Industrial Cadets Silver Award** that can be added to their record of achievement and CV.

Each day, there are set tasks and opportunities for students to engage with industry professionals. The attached link to the schedule of activities has been sent out via Parent Mail.

If you are interested in registering your son/daughter to take part in this opportunity, please email Mr Hatherall directly – chatherall@utcw.co.uk. He will coordinate the programme via Microsoft Teams. Students who wish to participate will need access to a computer with internet access.

Further information about the week can be found here: <https://www.scapegroup.co.uk/learning-in-lockdown> and in the documents sent via Parent Mail.

Running the programme will be subject to enough students committing to participate for the full week. This is a valuable opportunity for our learners to develop their employability and professional skills during these challenging circumstances.

CORONAVIRUS STAY ALERT TO STAY SAFE

- ✓ Keep a safe distance from others
- ✓ Stay home as much as possible
- ✓ Keep washing your hands regularly

STAY ALERT ► CONTROL THE VIRUS ► SAVE LIVES

APPLICATION UPDATE

Year 10 & 12 Places

We know that all students have worked hard to secure the highest grades for the best possible course at college.

Therefore, no student will be disadvantaged and all applicants will have a place to study at UTC Warrington.

We will work with you and your family to ensure you are on the right course at the right level.

[Click here to read more.](#)



MATHS SHOUT OUT

Big shout out to Y12 A Level Maths students for the work they are doing and a reminder to drop their end of unit tests in to the student assessment folder in Files on Teams.

Well done to Y10 students for their efforts in Maths. Assignments are due to end on 22nd May. Work will continued to be uploaded to Teams.

'URGENT NEED' FOR UK TRANSPORT CYBER-SECURITY CENTRE

A consortium of industry, government and academia has explored the feasibility of creating a UK cyber-security 'Centre of Excellence' to better deal with cyber threats in mobility.

A project on how connected and autonomous vehicles (CAVs) and their associated infrastructure can develop real-time responsiveness to cyber-security threats has highlighted the 'urgent need' for a national road transport cyber-security programme in order for the UK to safely support CAV adoption across the transport network.

Anthony Martin, Head of Vehicle Resilience Technologies at HORIBA MIRA, said: "As the UK moves from CAV demonstrations to mass deployment, the need to protect these vehicles and associated infrastructure from potentially catastrophic cyber-security failures cannot be overstated."

"Ultimately, the findings have highlighted the absolute and urgent need for a collaborative, industry-led, government-backed cyber-security programme, hence our next steps will be to secure funding for the development of the 'UK Centre of Excellence for Road Transport Cybersecurity Resilience'. Developing a world-class cyber-security capability of this nature will be critical in building trust in CAV technologies as they are deployed, supporting the integration of CAV technologies across the UK's future transport network."

[You can read the report by clicking here.](#)



UTCs BRIDGE THE GAP BETWEEN EDUCATION AND WORLD OF WORK

The digital revolution has already changed the skills we need. A UTC education futureproofs young people’s careers by focusing on active learning; technical entrepreneurial skills; and personal and collaborative skills.

Careers of the future will involve agile thinking and problem-solving, but the skills prioritised by many schools are increasingly done by computers. That’s where UTCs are different.

The digital revolution has already changed the skills that young people need to be successful in the world of work, and this trend is set to continue at an extraordinary pace. Arguably the most comprehensive study on how this could impact the job’s market found that 30% of all employees could be replaced by automation by 2030, depending on the speed of adoption. The Covid-19 pandemic will undoubtedly accelerate the trend towards automation, particularly where it keeps workers and consumers safer.

Of course, jobs and automation are not mutually exclusive. This is not all bad news! But it does mean that employers will place greater value on those characteristics and

aptitudes, particularly ‘non-linear’ thinking skills, which are simply harder to replace with computers and robots.

Unfortunately for many young people, our school system today prioritises just the opposite: linear thinking skills. These are analytical, methodical, and process-driven ways of working. They have a start and an end. Linear thinkers use the wealth of information they have assimilated and apply this to problem solving. Indeed, our examination system, the very measure of student achievement, is perfectly designed for linear thinkers. Ironically, those very skills which might help to achieve the highest grades at GCSEs and A Levels are precisely those which are most easily replaced by computers. Is this really what we should desire in our schools?

An education which truly prepares young people for the future must also nurture and develop non-learning thinking skills such as creativity, entrepreneurial characteristics, active rather than passive learning, and leadership and collaboration. In other words, while knowledge is as necessary as ever, it is no longer enough. Abstract information and reasoning need to be linked to the ‘real world’ through practical applications.

This is precisely the approach of University Technical Colleges (“UTCs”). Through their

association with employers and universities, project-based learning, and a focus on technical subjects, UTCs bridge the gap between the world of education and the world of work. By placing equal emphasis on both linear and non-linear skills, UTCs ‘futureproof’ young peoples’ careers.

Today, there are 48 UTCs across England educating just under 15,000 students, aged between 13 and 18. This unique and relevant approach to education has the support of over 400 employer and university partners, who see the true value of non-linear, as well as linear, skills as they look into the future of their organisations.

Technology is changing the way everyone works. The current coronavirus pandemic will only accelerate this. Our education system must keep pace with this change, or the job prospects for many young people will be dire. One beacon of hope in the current crisis is that we have seen that radical change across all facets of society is possible, despite significant challenges. Where there is a will, there is a way. We need to take this on board and be bold with our school system, and UTCs are leading the way by providing an education fit for the 21st Century.

WHY CHOOSE A UTC?

STUDENTS ATTENDING UNIVERSITY THIS YEAR

Deputy CEO of the Student Loans Company, David Wallace, is advising students thinking about going to university for the first time this autumn to complete their funding applications online as soon as possible.

New students are being asked to submit their applications before 22nd May 2020. The deadline for returning student applications is 19th June.

Applications for student finance can be made here: <https://www.gov.uk/student-finance>

UNIVERSITY STUDENT TIPS

Higher Horizons+ are an organisation we work closely with at UTC Warrington, to help students understand their higher education opportunities after leaving college. They have put together a number of resources to help students prepare for the next steps in their life, as well as developing skills and knowledge during the lockdown. Please see links below for more information:

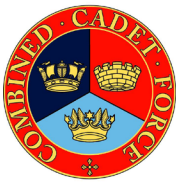
- [Guide to Student Finance](#)
- [Student Budget Tips](#)
- [Be University Ready](#)



CCF SUMMER CAMP CANCELLATION

Monday 11th May marked the Decision Point (DP) for DComd Cadets on whether or not to proceed to plan and then conduct the annual Summer camp programme for the Army’s Cadet Forces. This DP was aligned to the Prime Minister’s announcement on Sunday 10th May and assumed as a precondition that a full reopening of schools across the UK would set the essential conditions for a resumption of cadet training activity.

As you will have seen in media reporting, this precondition was not met and any further delay to the DP would prevent adequate planning and preparation time, therefore DComd Cadets has decided that the **Summer camp programme (CCF(A) and ACF) will not go ahead this year.**



Combined Cadet Force

KOOTH ASSEMBLY

Thank you to all the students who joined the Kooth online assembly on Tuesday. If students didn’t join up for it they can watch a video from the assembly at <https://www.kooth.com/> to find all of the relevant information and to sign up.

VIRTUAL CAREERS FESTIVAL
Paving the Way

19th - 22nd May

Be inspired with over 50 employer from Cheshire & Warrington

- + Experience a day in the life of industries, ranging from food and agriculture to law and finance
- + Join sessions giving top tips for a successful university application, becoming an apprentice and what college life is really like
- + Explore a wide range of activities to develop industry knowledge and skills

REGISTER ONLINE
learnliveuk.com/paving-the-way-virtual-careers-festival

“I don’t think I could’ve spoken to someone face-to-face.”

Join live moderated forums



[More guidance is available here.](#)

For more information visit <https://thankateacher.co.uk/>

**INSPIRING
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Join our Parents Facebook group here:
www.facebook.com/groups/utcwparents

SOURCES:
<https://www.thetimes.co.uk/article/houseparty-the-chat-app-thats-taking-over-facebook-mktprn3chm>
<https://www.bbc.org.uk/>
<https://www.houseparty.com>