



WEEKLY BULLETIN

FRIDAY 13TH DECEMBER 2019

UPCOMING DATES

16th December	Race for Life - Halliwell Jones
18th - 19th December	Year 10 Project Based Learning Day
18th December	Business Mentoring Day
20th December	Last Day of Term & Christmas Jumper Day

CHRISTMAS JUMPER DAY

Christmas jumper day for UTCW students takes place on Friday 20th December. We will also have our traditional festive end of year assembly with a range of prizes and Christmas fun!

WORD OF THE WEEK

Micro – small (Greek word root)

Microchip – a small piece of silicon inside a computer with electronic circuits and the capacity to hold large quantities of information.

Microscopic – extremely small objects usually only visible with a microscope.

Micromanage – to control with excessive (too much) attention to detail.

UTC MINIBUS

Please note that the college minibus will not run on the **morning and afternoon of Friday 20th December**. We are also keeping a close eye on the winter weather forecast. If the weather turns to snow and ice we will be unable to operate the minibus due to health and safety. We will communicate with you should this forecast arise.

SUBJECT ON A PAGE

We will be sharing a subject summary for our courses over the coming weeks. Scroll down to find out more about our BTEC Level 3 Civil Engineering qualification.



Be work ready
Wearing your lanyard promotes a professional and positive image of the college. Along with your business dress, our uniform reflects the working practices of our industry employer partners.

Show that you belong
Lanyards are a compulsory part of our uniform. Keeping you safe, lanyards are required to be worn at all times around the college for identification and safeguarding purposes.

CIVIL ENGINEERING COMPANIES TARGET MORE FEMALES

The Institution of Civil Engineers said just 20.8% of civil engineering undergraduates nationally were female. An event at the University of the West of England was held last month aimed at showcasing the industry as a real career option for females. Dr Adrienn Tomor, from the University of the West of England (UWE), said: "We develop new ideas and solutions for a whole range of applications, for example building larger and larger bridges, reducing the impact on the environment, minimising the effects of flooding, building tunnels, skyscrapers, developing new smart materials." Local companies in the North West are also targetting more female employees, through specific career recruitment events and engagement with colleges. Over the last few years, UTC Warrington has held events aimed specifically at allowing our female students to build networks amongst female industry leaders.



CIVIL ENGINEERING TALK

On Tuesday (10.12.19), we were joined by the Institution of Civil Engineers who held a talk for members about the use of plastics in road construction. A number of students also attended the evening lecture. Some of the companies involved in the event will be coming back to the UTC in the New Year to work with students.

THANK YOU FOR YOUR DONATIONS

Every year at Christmas, UTC Warrington like to support a local charity. Last year our students/parents/teachers supported the Warrington Womens Aid - a charity that supports anyone living in Warrington who is experiencing domestic violence. This year, we have recieved lots of donations of soaps, clothing and gifts for families to benefit from this Christmas time. Thank you for your donations. We will update you once the donations have been handed over to the charity.



PROJECT BASED LEARNING

Next week, Year 10 students will be involved in two days of project based learning that will involve them having to plan and design a music festival. Students will work in small groups on Wednesday and Thursday and will cover all aspects of the curriculum.



RACE FOR LIFE - MONDAY 16TH DECEMBER

On Monday, we are inviting all students and staff to take part in a Race for Life to raise money for Cancer Research UK.

This will take place on **Monday 16th December at 2pm**. Students will be walked to The Halliwell Jones Stadium at 1.45pm where they will run or walk laps around the perimeter of the pitch until they have completed the 5K. At the end of the 5K, students will be rewarded with a medal and a certificate for their efforts. We are asking for donations of £2.00 to be donated to Cancer Research UK.

[Please click here to donate.](#)



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YOUR SCHOOL HEALTH TEAM

Yvonne Jameson
School Nurse
I am a School Nurse who is responsible for the health and wellbeing of all pupils in your school. I work with other professionals to help you stay healthy and safe.

Phone: 01925 867830
Email: alwch.0to19@nhs.net

University Technical College Warrington
Drop in information
Day: Thursday
Drop in: 13:00-14:00 - booked appointments: 14:00-14:30
Room: safeguarding officer's room
Appointments/Referral: via Jemma or via school nurse email address.

- Keeping Healthy
- Relationships
- Sexual Health
- Drugs & Alcohol
- Smoking
- Weight Management
- Mental Health
- Referrals/Signposts
- Family Problems
- Bereavement
- And loads more...

For more information visit
www.bridgewater.nhs.uk/warrington/0-19-services/

FIFTEEN APPS

PARENTS SHOULD KNOW ABOUT

MEETME



MEETME IS A DATING SOCIAL MEDIA APP THAT ALLOWS USERS TO CONNECT WITH PEOPLE BASED ON GEOGRAPHIC PROXIMITY. AS THE APP'S NAME SUGGESTS, USERS ARE ENCOURAGED TO MEET EACH OTHER IN PERSON.

GRINDR



GRINDR IS A DATING APP GEARED TOWARDS GAY, BI AND TRANSGENDER PEOPLE. THE APP GIVES USERS OPTIONS TO CHAT, SHARE PHOTOS AND MEET UP BASED ON A SMART PHONE'S GPS LOCATION.

SKOUT



SKOUT IS A LOCATION-BASED DATING APP AND WEBSITE. WHILE USERS UNDER 17-YEARS-OLD ARE UNABLE TO SHARE PRIVATE PHOTOS, KIDS CAN EASILY CREATE AN ACCOUNT USING A DIFFERENT AGE.

WHATSAPP



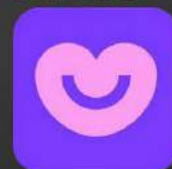
WHATSAPP IS A POPULAR MESSAGING APP THAT ALLOWS USERS TO SEND TEXTS, PHOTOS, MAKE CALLS AND VIDEO CHATS WORLDWIDE. WHATSAPP USES AN INTERNET CONNECTION ON SMART PHONES AND COMPUTERS.

TIKTOK



TIKTOK IS A NEW MOBILE DEVICE APP POPULAR WITH KIDS USED FOR CREATING AND SHARING SHORT VIDEOS. WITH VERY LIMITED PRIVACY CONTROLS, USERS ARE VULNERABLE TO BULLYING AND EXPLICIT CONTENT.

BADOO



BADOO IS A DATING AND SOCIAL NETWORKING APP WHERE USERS CAN CHAT, SHARE PHOTOS AND VIDEOS AND CONNECT BASED ON LOCATION. WHILE THE APP IS INTENDED FOR ADULTS ONLY, TEENS ARE KNOWN TO CREATE PROFILES.

BUMBLE



BUMBLE IS SIMILAR TO THE POPULAR DATING APP 'TINDER' HOWEVER, IT REQUIRES WOMEN TO MAKE THE FIRST CONTACT. KIDS HAVE BEEN KNOWN TO USE BUMBLE TO CREATE FAKE ACCOUNTS AND FALSIFY THEIR AGE.

SNAPCHAT



SNAPCHAT IS ONE OF THE MOST POPULAR APPS IN RECENT YEARS. WHILE THE APP PROMISES USERS CAN TAKE A PHOTO/VIDEO AND IT WILL DISAPPEAR, NEW FEATURES INCLUDING 'STORIES' ALLOW USERS TO VIEW CONTENT FOR UP TO 24

KIK



KIK ALLOWS ANYONE TO CONTACT AND DIRECT MESSAGE YOUR CHILD. KIDS CAN BYPASS TRADITIONAL TEXT MESSAGING FEATURES. KIK GIVES USERS UNLIMITED ACCESS TO ANYONE, ANYWHERE, ANYTIME.

LIVE.ME



LIVE.ME IS A LIVE-STREAMING VIDEO APP THAT USES GEOLOCATION TO SHARE VIDEOS SO USERS CAN FIND OUT A BROADCASTER'S EXACT LOCATION. USERS CAN EARN 'COINS' AS A WAY TO 'PAY' MINORS FOR PHOTOS.

HOLLA



HOLLA IS A SELF-PROCLAIMED 'ADDICTING' VIDEO CHAT APP THAT ALLOWS USERS TO MEET PEOPLE ALL OVER THE WORLD IN JUST SECONDS. REVIEWERS SAY THEY HAVE BEEN CONFRONTED WITH RACIAL SLURS, EXPLICIT CONTENT AND MORE.

WHISPER



WHISPER IS AN ANONYMOUS SOCIAL NETWORK THAT PROMOTES SHARING SECRETS WITH STRANGERS. IT ALSO REVEALS A USER'S LOCATION SO PEOPLE CAN MEET UP.

ASK.FM



ASK.FM IS KNOWN FOR CYBER BULLYING. THE APP ENCOURAGES USERS TO ALLOW ANONYMOUS PEOPLE TO ASK THEM QUESTIONS.

CALCULATOR%



CALCULATOR% IS ONLY ONE OF SEVERAL SECRET APPS USED TO HIDE PHOTOS, VIDEOS, FILES AND BROWSER HISTORY.

HOT OR NOT



HOT OR NOT ENCOURAGES USERS TO RATE YOUR PROFILE, CHECK OUT PEOPLE IN THEIR AREA, AND CHAT WITH STRANGERS. THE GOAL OF THIS APP IS TO HOOK UP.

CIVIL ENGINEERING



Course Title:	BTEC L3 Civil Engineering	Course Code:	603/1216/6
Exam Board:	Edexcel	Course Length:	2 years

Units Covered:

- Construction Principles
- Construction Desig
- Tendering & Estimating
- Construction Technology
- Health & Safety in Construction
- Graphical Detailing in Construction
- Building Regulations and Control in Construction
- Management of a Construction Project
- Site Engineering for Construction
- Measurement Techniques in Construction
- Further Mathematics for Construction
- Work Experience in the Construction Sector
- Construction in Civil Engineering
- Public Health Engineering
- Highway Construction and Maintenance in Civil Engineering

PROGRESSION

After completing this course there are a number of options available for you; depending on your final grade you could move onto a higher education course including a HNC in Civil Engineering, a HND in Civil Engineering, a Higher Apprenticeship or progress to university. Employers seek graduates who are commercially aware and capable of working well within a team environment.

HOW AM I ASSESSED?

- The course is split into modules with each module being assessed upon completion. Therefore there will be multiple assessment points throughout the year.
- There are three external assessment modules and these will be assessed in either January or May of each year.
- The attained grades for each module will be combined to give an overall grade for the course.

HOW TO BE SUCCESSFUL?

- Complete all units of work within the set time frame.
- Undertake background reading around the subject to build up engineering knowledge.
- Practise workshop activities to develop your skills and understanding of various types of civil engineering processes.
- Extend your own learning and development via research to ensure knowledge is in place for examinations.



WHY CIVIL ENGINEERING?

Civil engineers create, improve and protect the environment in which we live. They plan, design and oversee construction and maintenance of building structures and infrastructure, such as roads, railways, airports, bridges, harbours, dams, irrigation projects, power plants, and water and sewerage systems. They also design and build tall buildings and large structures that can withstand all weather conditions. This is a diverse and developing industry with increasing emphasis on partnerships between organisations, sustainability and environmental considerations.