

Careers@Keswick: Thursday 28th February

Biological Engineering

In the last 2 weeks, Year 12 and Year 13 biology students have been lucky enough to experience a careers talk by a young Canadian biological engineer Kareem Fakhfakh who is staying locally in the area. Students found out all about this fascinating and relatively little known career and what it involves, as well as possible paths into it. Kareem will also be at our Year 9 careers Day on March 12 before he is off to pastures new in Cambridge. We are very grateful to Kareem for sharing his obvious passion in this subject.



IET Local Network for West Cumbria 'Changing the World's Perception through Virtual Reality' Lecture (All students)

The IET Local Network for West Cumbria are pleased to invite you to 'Changing the World's perception through Virtual Reality' presented by Andrew James of Jacobs.

This event will take place at **18:00pm Thursday 14th March 2019** at **Lakes College, Lillyhall Business Park, Hallwood Road, Workington, CA14 4JN.**

Lecture Summary:

Virtual Reality (VR) allows users to experience an interactive computer-generated world, that can either mirror our reality or present some augmentation. This ability to interact with virtual worlds has become increasingly popular, and technology companies are making the advances required to ensure that VR is available to a widespread audience. Commonly partnered with the gaming industry, VR is being researched for, and tested in, a growing range of other industries.

Andrew James, of Jacobs, will provide a live demonstration of some of the VR technologies out there. With this Andrew will present some of the interesting work he has put towards using this technology in his day job.

Newton Rigg Open Evening (Year 11)

Tuesday 5th March from 5.00 – 6.30pm.

Teesside University Residential Summer School (Year 12)

Applications are now open for this 4 day summer school in the following subjects:

- Business and accounting
- Computer games and animation
- Cybersecurity
- Engineering
- Geography and geology
- Health professionals
- History and English
- Journalism
- Law, Criminology and Crime Scene Science

Visit their website for more information: www.tees.ac.uk/summerschool.

Energus Cyber Skills Free STEM Courses and Open Evening (Years 8 - 13)

Cyber First are 5 day non-residential courses in Cyber Security, sponsored by the National Cyber Security Centre (NCSC), which is part of the Government Communications Headquarters (GCHQ). They are aimed at 13 - 17 year olds and there are 3 levels: **Defenders** ages 13+, **Futures** 14+ and **Advanced** 16-17. The courses are aimed at generating an interest in Cyber Security, whether as a future career or to supplement another career option e.g. online businesses, Public Relations, Engineering etc... where an increased reliance on the Internet may be putting businesses at risk from Cyber threats. Details of the courses can be found at: <https://www.energus.co.uk/training/apprenticeships/cyber-security/cyberfirst>

Although the Cyber First **Futures** and **Advanced** courses are better suited to students studying computer science and science subjects (or those that have attended the **Defenders** course,) the **Defenders** course is specifically designed so that anyone can attend.

- **Cyber Defenders** 12-16 August 2019
- **Cyber Futures** 19-23 August 2019
- **Cyber Advanced** 26-30 August 2019

Find out more about these course and cyber skills at the Energus Cyber Skills Open Evening on Tuesday March 5th, 17.30 – 20.00

ENERGUS.
Cyber Skills Open Evening
Tuesday 5th March 2019 17:30 - 20:00

Are you looking to be part of the Cyber Security workforce of the future?

We have some exciting opportunities as part of our Cyber Skills Pipeline across the NDA Group and Nuclear Supply Chain.

Join us on Tuesday 5th March 2019, 17:30 – 20:00 to discuss opportunities in this exciting and growing sector.

We will have a number of sessions taking place from the NDA, North West Regional Organised Crime Unit and NCSC, as well as tours of our state of the art facility.

To book your place please email: cyber@energus.co.uk

Join cyber first

ROBERTSON ORGANISED CRIME UNIT

National Cyber Security Centre

NDA

www.energus.co.uk

Cardiff University Medicine Taster Days (Year 12)

Bookings are now open for Cardiff University's Medicine Taster Days (Friday 21 June and Saturday 22 June 2019, Heath Park Campus).

Their Medicine Taster Days offer you a choice of two identical days packed with Medicine-related activities and talks. Each day they run one programme specifically for students, alongside another tailored to the needs of those who support them.

- The full-day Student Programme covers key elements of becoming a doctor, with talks on their selection process, life as a doctor, funding for your medical degree, Case Based Learning and a Q&A

panel as well as workshops covering Clinical Skills, Simulation Suite, life as a medical student, Multiple Mini Interviews (MMIs) and writing your personal statement. They also provide you with lunch and plenty of opportunity to talk to their students about what medical school is really like.

- Their separate, full-day Accompanying Person's programme, designed for a parent, guardian, careers advisor or teacher, covers most of the same subjects but from an angle that looks at the support they, and the university, can provide over the next few years.

Prospective medical students are invited to bring one parent or guardian with them but are also welcome to come on their own. Individual parents and guardians can also attend without a student if they wish.

Tickets for this event are free but do need to be booked: <https://cumedicine2019.eventbrite.co.uk>

BP Degree Apprenticeship Opportunities (Years 12 and 13)

HR and Data Analysis

At BP our business is diverse, and so are the types of people we employ. From engineers and geologists out in the field, to IT professionals, research scientists and financial traders, we're committed to attracting and retaining the very best talent

School leaver and degree apprenticeship programmes

Students could find a place on one of our structured programmes. If they choose the data analysis apprenticeship, then they'll have the chance to use data to provide business insight. While our HR degree apprenticeship would see them study for a Business Management degree and apply what they've learned in a series of roles at the heart of our global organisation.

There will be full support, regular feedback and exciting career opportunities to look forward to when the programme is complete.

Who can apply?

To apply for the data analysis apprenticeship, applicants will need BCC at A Level or equivalent (104 UCAS points) plus 5 GCSEs A-C including English and Maths, and strong skills in English.

For the HR degree apprenticeship, school leavers need a commitment to studying for a degree, plus 120 UCAS points (excluding General Studies), or equivalent, eligibility to study in the UK and Level 2 English and Maths at GCSE Grade C or above, or equivalent.

Go to <https://www.bp.com/en/global/bp-careers/students-and-graduates/> to find out more.

InvestIN Young Journalist Programme Years 11 – 13)

UCL, London, March 24th.

Do you want to work alongside journalists with experience at *The BBC, The Economist, The Daily Telegraph, CNN, Sky News and The Independent*?

The Young Journalist Programme brings top journalists from a variety of disciplines to give students a 360-degree experience of this exciting industry...

Programme Highlights:

- Write your own news column on the basis of a live story, guided by a former *Telegraph* writer

- Record your own live news story, aided by a reporter from *CNN*
- Plan an investigative scoop on an emotive issue with the help of a former *Evening Standard* reporter
- Use real-life data to bring a story to life, guided by a previously-awarded '*Specialist Journalist of the Year*'

Plus coaching on every step to becoming a top journalist...