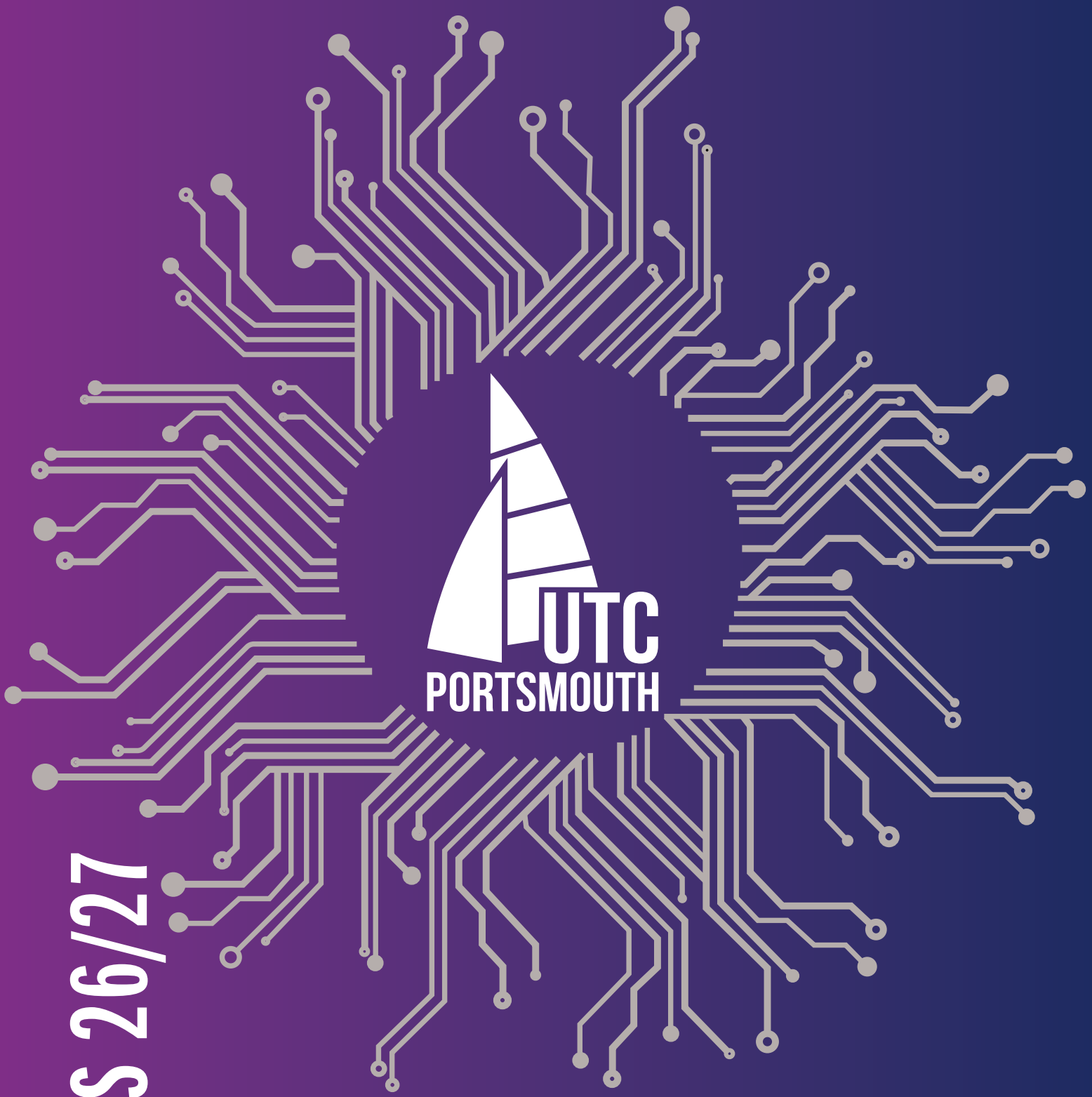


PROSPECTUS 26/27

YEAR 12

EXCELLENCE IN STEM EDUCATION

WELCOME FROM UTC PORTSMOUTH PRINCIPAL

James Doherty

I am delighted to welcome you to UTC Portsmouth - the region's only college that specialises in STEM (Science, Technology, Engineering and Maths) education.

As Principal, I am privileged to work with passionate staff who are experts in their fields. Our curriculum has been designed in conjunction with universities and the demands of industry employers across the region and beyond. Because of this, UTC Portsmouth provides an unparalleled learning experience for young people aged 14-19 in a supportive and welcoming environment.

Students who come to study with us enjoy a modern, purpose-built environment with specialist facilities that enable them to develop the skills that are so in demand. Our students are exceptionally ambitious and motivated, with a thirst to be curious problem-solvers, keen to work in an academic, technical environment. They are given support to become effective, responsible and resilient self-managers and team players. They are in harmony with our professional way of working. We offer opportunities far beyond those in a traditional school or college too. It is for all of these reasons that our leavers have all moved on to excel in higher education, higher level apprenticeships and employment.

We are also proud of the partnerships that have brought the college to life. It is a privilege to be working so closely with the best possible partners and employer sponsors who are industry leaders and can offer our students insight into how their skills translate into real-world employment opportunities. We work together to ensure our students leave with not only appropriate cutting–edge academic qualifications, but the technical experience and employability skills to elevate their career prospects.

As a specialist STEM college, we are non-selective, charge no fees and are proud of our Ofsted "Outstanding" grading. We attract students with a strong interest and passion in developing a career in any area of STEM, and find many join us with careers in science, medicine, technology, computing, cyber security or even economics firmly in mind.

Our fantastic staff are committed to giving our students the tools and opportunities they need to be the very best version of themselves. As Principal, I am proud that our students leave us as qualified, confident and highly motivated young adults fully equipped to apply their knowledge, abilities and talents to securing the future they deserve.

A career in STEM is not for the faint hearted; in order to be successful you need to be responsible, hard working, innovative, and ambitious. If you are looking to study in a professional environment with like-minded people who love to learn and are committed to turning a passion for STEM into a future career, then UTC Portsmouth is definitely the place for you. Please come along and see the college for yourself.

James

James Doherty
Principal

WHY CHOOSE UTC PORTSMOUTH?

At UTC Portsmouth STEM isn't just part of the curriculum - science, technology, engineering and maths is at the heart of everything we do.

But what makes us different?

Alongside strong academic results, we focus on developing the mindset, skills and values that open doors - whether our students are aiming for university, a competitive apprenticeship, or stepping straight into a rewarding career.

100%

OF UTC PORTSMOUTH SIXTH FORM LEAVERS' DEGREES AND APPRENTICESHIPS WERE IN STEM

49%

UNDERTOOK AN APPRENTICESHIP AT LEVEL 4 OR 6 - OVER **40%** OF THESE STARTED A DEGREE APPRENTICESHIP

44%

OF UTC PORTSMOUTH LEAVERS WENT TO UNIVERSITY - **33%** OF THESE WENT TO A RUSSELL GROUP UNIVERSITY

COME AND TAKE A LOOK AROUND UTC PORTSMOUTH AT ONE OF OUR OPEN EVENTS

These are for students and their parents wishing to join UTC Portsmouth for the 2026/2027 academic year and beyond.

Open Evening
Wednesday 15 October 2025, 4.45pm - 7.30pm

Open Morning
Saturday 8 November 2025, 10.30am - 12 noon

Attendance at these events needs to be booked via our website www.utcportsmouth.org/open-events

ABOUT UTC PORTSMOUTH

UTC Portsmouth is committed to preparing students to thrive. With a strong focus on science, engineering, and advanced manufacturing, we equip our students with the knowledge, experience and skills employers value - and that futures are built on.

Everything we do is built around STEM – with specialist pathways in engineering design, mechanical and electrical engineering, and advanced manufacturing.

Alongside the national curriculum, students follow an in-depth and relevant programme designed to develop their technical skills, knowledge and mindset needed for future careers. Our student-focused approach is shaped by input from real employers, helping students grow both academically and personally.

Learning takes place in world-class facilities – including high-tech workshops, specialist equipment and the latest software – all supported by a fully cloud-based system with students working from their own Chromebook or devices.

Spacious classrooms, labs and workshops provide a safe, professional setting for hands-on learning, while the open atrium creates a vibrant space to collaborate, share ideas and connect with others between lessons.

Why choose to study with us:

- Learn in modern, specialist facilities designed for STEM, within a forward-thinking environment
- Benefit from strong links with Employer Partners and the University of Portsmouth
- Be part of a smaller, supportive cohort, where you're valued and encouraged to thrive
- Take part in extra projects, training and enrichment activities that boost your CV and UCAS application
- Enjoy a calm, respectful and mature learning environment where everyone feels safe, supported and included
- Make use of dedicated Sixth Form spaces for independent study and downtime between lessons
- Have access to the University of Portsmouth's library resources
- Experience smaller class sizes - around 15 students per A level subject - for focused learning

THE GROWING SKILLS GAP

UTC Portsmouth has been oversubscribed since opening, highlighting the demand for a STEM-focused education. Many people in our region face challenges in academic achievement and key employability skills such as leadership, resilience and creative problem-solving.

Our curriculum prioritises personal development and enrichment, often delivered by employers. By embedding these opportunities within education, we help students gain essential skills and experiences, opening doors to future success.

OUR UNIQUE TIMETABLE

Working with our Employer Partners, we've designed a timetable that reflects the working world - giving students the autonomy to manage their time, while still providing the support they need.

BRIEFING AND PROGRESSION TIME

We encourage all students to take an active role in college life, and have weekly briefings for Sixth Form to update them on the upcoming opportunities as well to celebrate achievements in and out of college. Students also take part in progression time, meeting in their team groups to focus on different areas that support their transition beyond college.

Our dedicated staff lead various elements of the programme, including destinations guidance, pastoral care and inspiring content beyond the curriculum. This approach not only provides students with specialist support for their next steps, but also creates valuable opportunities to connect daily with other students outside of their courses.

INDEPENDENT STUDY

At UTC Portsmouth we don't set homework, instead students have independent study as part of their timetable. Students can choose to stay at college to work, visit the University of Portsmouth library or complete their studies at home. As every student has their own Chromebook/device, access to complete their work is available wherever there is an internet connection.

EXAMPLE TIMETABLE

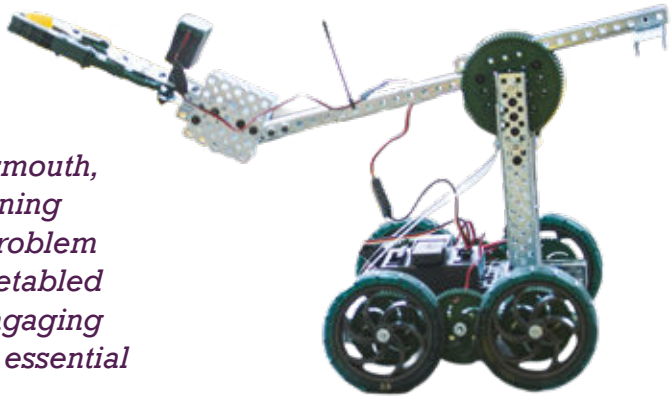
This timetable is for a student studying 3 A levels - this gives you an idea of a typical week at UTC Portsmouth. If you'd like to study four A levels with us, you'd replace the Independent Study sessions with your subject choice.

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:30	Maths	NO LESSON	NO LESSON	Chemistry	Physics
10:10	BREAK	BREAK	BREAK	BREAK	BREAK
10:25	Independent Study	Chemistry	Physics	Maths	Training
12:05	Progression Time	Briefing	Progression Time	Progression Time	Progression Time
12:25	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:05	Enrichment	Independent Study	Training	Enrichment	Chemistry
14:45	BREAK	BREAK	END OF COLLEGE DAY	BREAK	END OF COLLEGE DAY
15:00	Physics	NO LESSON		Independent Study	
16:40	END OF COLLEGE DAY	END OF COLLEGE DAY		END OF COLLEGE DAY	

The college day for students in Sixth Form starts at 8.30am everyday and finishes at 4.40pm. Individual timetables vary depending on your study pathway and the subjects you choose, but always include some later starts and earlier finishes.

We have a two weekly timetable, so what you do in lessons changes slightly depending on whether it is a week A or B, but break times as well as start and finish times remain the same.

ENRICHMENT



Personal development is central to life at UTC Portsmouth, and Enrichment is how we bring our six STEM Learning Habits to life: communication, teamwork, creative problem solving, resilience, responsibility and curiosity. Timetabled for all students, the programme offers a range of engaging activities that build confidence, independence, and essential skills for success in STEM and beyond.

BEYOND THE CLASSROOM

Beyond academic learning, we place strong emphasis on developing key life skills. We offer a choice of enrichment activities as part of every students' timetable, all of which relate to our values of communication skills, teamwork, creative problem solving, resilience, responsibility and curiosity.

Examples of enrichment include; Illustration, Astronomy, Magazine, Modelling, Raspberry Pi Wars, Chess, Rugby and UAV Design.

> ***"Enrichment is one of the things I look forward to the most each week. It gives me the opportunity to explore something outside of my courses, get creative and build new relationships too."***

STUDENT LED

Our enrichment programme is designed with our students firmly in mind. Each term, they help shape the offer, suggesting and selecting sessions that reflect their interests and ambitions.

We also support students who wish to run their own sessions, such as rocket club and a dedicated medicine enrichment option for those with aspirations for a medical career. This allows us to encourage initiative and independence, whilst supporting students to succeed.

This is what makes our offering both unique and highly valued.

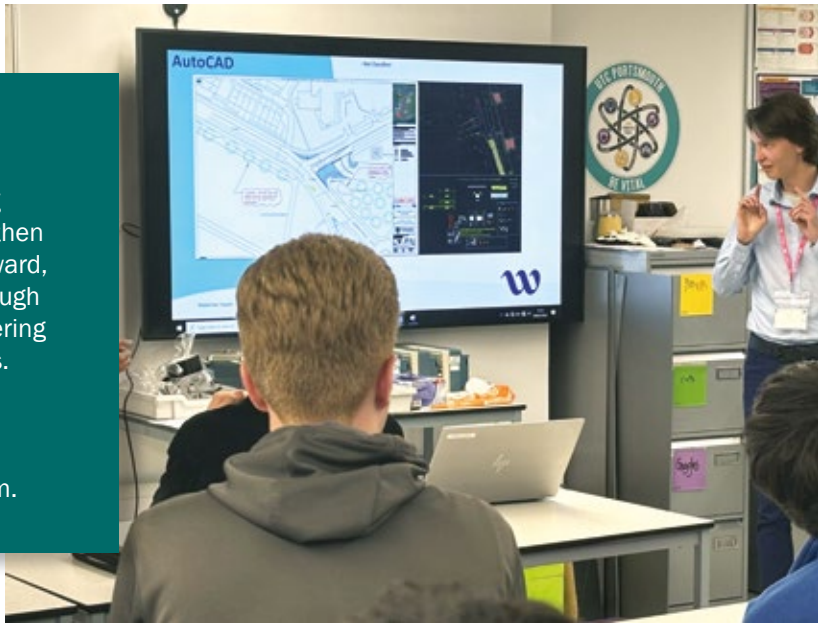
TRAINING

Training makes up part of our unique curriculum offer to all students within the college. Whilst different year groups follow different pathways, each one is designed to enable the professional development of students within the college.

TRAINING OPTIONS

Students have access to a diverse and enriching training programme, designed to enhance their skills and strengthen their CVs. Options include the prestigious Gold CREST Award, where students explore a STEM topic of their choice through independent research, and Open University courses, offering a chance to revisit dropped subjects or explore new ones.

Students can also participate in our Project Pipeline, collaborating with Employer Partners on real-world briefs that build teamwork, communication and professionalism.



SHAPE YOUR PATH

Training at UTC Portsmouth is a unique and compulsory part of every student's timetable, offering opportunities not available at other schools or colleges. It's designed to build on your existing skills and qualifications, helping you create a pathway tailored to your future goals. When students choose their training, they focus on selecting options that will support their long-term aspirations.

This offers them a chance to gain a real advantage.

OUR EMPLOYER PARTNERS

Employer Partners are fundamental to the success of UTC Portsmouth. They contribute their knowledge, insight, and skills, as well as holding key positions on our board of trustees. They help shape our curriculum and endorse the qualifications that we offer.

Only by studying at UTC Portsmouth will you have the opportunity for interaction and sustained involvement with our Employer Partners. This unique opportunity sets our students apart from others with the same qualifications and inspires them to pursue outstanding future careers.

EXPERIENCE OF THE WORKPLACE

At UTC Portsmouth, we have detailed our careers provision against the Gatsby Benchmarks. We offer our students experience of the workplace either through visits to our Employer Partner sites, through virtual or in person work experience, and through project-based learning.

We have ensured that all of our activities are high impact for our students and equip them with the skills and experiences that they need to make informed decisions about their future destinations.

SITE VISITS

With a wide range of fantastic Employer Partners, our students benefit from numerous opportunities to engage with employers and higher education, as well as gain valuable workplace experience.

Having the **University of Portsmouth** as one of our founding partners offers our students fantastic access to visit numerous faculties and enjoy spending time in a higher education environment.

PROJECTS AND CURRICULUM

Project-based learning is a major part of our offer at UTC Portsmouth, where students have the opportunity to tackle different challenges or briefs set by a range of Employer Partners.

The objective of these projects is to give students the chance to work on 'real-life' scenarios within the college, while engaging with employers and developing key presentation and communication skills. These projects also provides a platform for our partners to discuss apprenticeship opportunities and the essential skills needed for the future.

Examples of recent projects include:

- **BAE Systems** Glider project themed around 'physics in flight'
- Civil engineering and building design with the **University of Portsmouth**
- Submersible Rescue Vehicles with **Lockheed Martin**
- Exploring the use and recycling of single use plastics in the healthcare industry with **Portsmouth Hospital University Trust** and **BAE Systems**

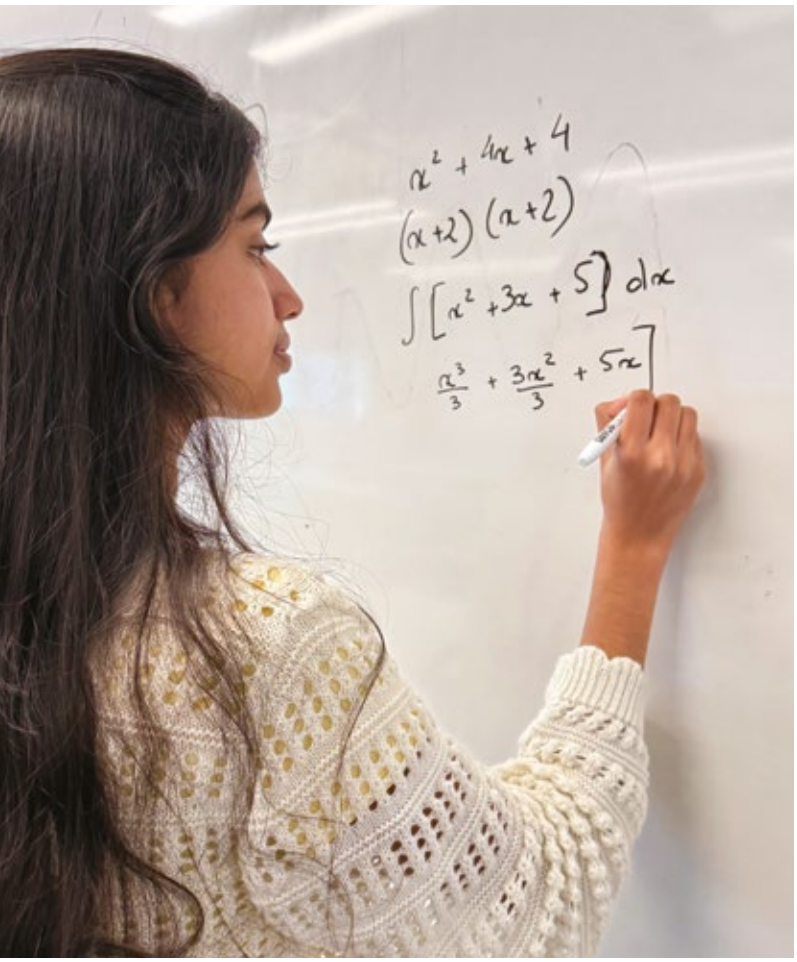
We work closely with our Employer Partners to ensure our curriculum is aligned with industry needs, providing students with the academic knowledge, practical experience, and confidence required to succeed in their chosen careers. Our qualifications are regularly reviewed to maintain their relevance and to support students in developing strong employability skills.

There are also opportunities for specialists from our Employer Partners to support the delivery of key elements of our curriculum.

WOMEN IN STEM

The number of women in STEM, especially engineering, has been low for many years across the sector. Just 15% of engineering graduates are female, with the number climbing to 19% for computer studies and 39% for maths.

It is widely acknowledged that some STEM careers are still male dominated. Our Employer Partners actively target female candidates yet still do not receive enough applications from them.



However, opportunities have never been better for women in STEM and we are at the heart of understanding and changing gender disparities. Already, UTC Portsmouth has a higher number of girls than similar institutions. We provide great female role models and the best information and guidance to the array of career opportunities that exist in STEM for all students, regardless of gender.

In addition, girls who study with us:

- get to find out about real-life examples of women who are already succeeding in STEM roles so they can better envision pathways of their own.
- see how STEM fits in with hobbies they already love, and benefit from mentoring and guidance from women already working in the field.
- know that women of all ages benefit from seeing how science, technology, engineering and maths fit into their existing roles or future careers.
- very quickly discover that the STEM world of work is generally determined to recruit more women to fulfil vital roles, and to act as mentors and role models for future generations of female scientists, technologists and engineers.

PROGRESSION SUPPORT

At UTC Portsmouth, we believe in preparing students for a successful future and provide opportunities to develop the skills and attributes universities and employers look for. We work closely with our Employer Partners, and the University of Portsmouth in particular, to highlight the range of progression opportunities available once students finish their studies with us.

During their time at UTC Portsmouth, we support students in exploring the full range of options available after Year 13, helping them secure the opportunity that best suits their goals.

Our partnership with the University of Portsmouth offers valuable insight into university life and the wide variety of degree courses on offer. Students benefit from access to university facilities, talks, and the library, helping them understand what higher education can provide.

We guide students through the process of choosing the right university and course, supporting them with their UCAS applications. For those aiming for higher level or degree apprenticeships, we offer tailored sessions to help them prepare.

Our Employer Partners recognise the specialist skills UTC Portsmouth students develop - and the value they bring to future workplaces.

We have students from our Sixth Form studying at many fantastic universities including; the University of Oxford, the University of Cambridge, Imperial College London, Bath University, Royal Holloway, Loughbourgh University and Southampton University. Many have also secured higher level apprenticeships with companies including; Airbus, DTSL, GSK, Balfour Beatty and the Royal Navy.

WHERE DO OUR STUDENTS GO?

UTC Portsmouth prides itself on supporting all students to reach fantastic destinations. Our focus is on students gaining a range of skills and experiences during their time with us, as well as achieving great grades that will help them to get to the university or apprenticeship of their choice.

Our Year 13 leavers are consistently split in their choices between university and apprenticeships, with around half choosing each of these routes after Sixth Form. 100% of UTC Portsmouth Sixth Form leavers' degrees and apprenticeships are in STEM fields.

Of students in Year 11, many continue their studies with us into Sixth Form while others head off to other colleges and a few to apprenticeships.

Here are a few of our previous students and where they are now:

Mohin joined UTC Portsmouth in Year 10 and continued his studies into Sixth Form completing the Extended Certificate in Engineering alongside A level maths and product design. He is now a **Product Engineer** with **Jaguar Land Rover** as part of their Applied Professional Engineering Degree Apprenticeship programme.

"I am grateful for my four-year journey at UTC Portsmouth; I've cultivated valuable skills leading to a Degree Apprenticeship at Jaguar Land Rover. Working for a reputable company while pursuing my degree at the University of Warwick is an incredible opportunity. The unwavering support from my teachers during the apprenticeship application and throughout my A level studies has been pivotal."

Annika joined us for Sixth Form studying A level physics, maths, product design and AS further maths. She is now studying for a degree in **Architecture** at the **University of Portsmouth.**

"I chose to study at UTC Portsmouth because I have always had a great interest and love of STEM. I enjoyed studying at UTC Portsmouth as I liked the teaching from such lovely and motivating staff who were always guiding and supporting us so that we could reach our potential."

Mieszko joined UTC Portsmouth in Year 10 then continued his studies with us into Sixth Form studying A level maths, computer science, physics and further maths. He is now at the **University of Oxford** studying **Computer Science.**

"I definitely enjoyed the sense of community at UTC Portsmouth. I felt I had great friends and teachers, and was taught everything I needed for my exams, and prepared for what came afterwards."

Mae joined UTC Portsmouth for Sixth Form and studied the Extended Certificate in Engineering alongside A level maths and physics. She is now an **Engineering Apprentice** at **Eaton Aerospace.**

"UTC Portsmouth provided me with good foundations to be able to step up into the working world with more experience and skills than other colleges would have given me. Training classes provided me with contact to Employer Partners as well as insight into processes used within industry. It also allowed me experience in presenting and collaborating with a team which is implemented every day within my workplace."

Jack joined UTC Portsmouth in Year 10 then continued his studies with us into Sixth Form studying A level maths, physics and further maths. He is now at **Rolls Royce** undertaking an **Aerospace Engineering Degree Apprenticeship.**

"UTC Portsmouth helped prepare me for an apprenticeship, as I was able to use some of the projects I'd been involved in during training as examples in applications and interviews. UTC Portsmouth college hours match my working day, so it meant I was used to that before starting."

Sasha joined UTC Portsmouth for Sixth Form and studied the Extended Certificate in Engineering alongside A level physics and maths. She is now undertaking a **Design and Development Engineering Degree Apprenticeship** at **Kenwood Limited.**

"After leaving my secondary school, I was confident that I wanted to pursue a career in engineering. The collaborative projects that I did during training classes at UTC Portsmouth were enjoyable, as it gave me experience including presentation, teamwork and communication skills. These have become a crucial part of my career. Along the way, I have met lifelong friends and made unforgettable memories."

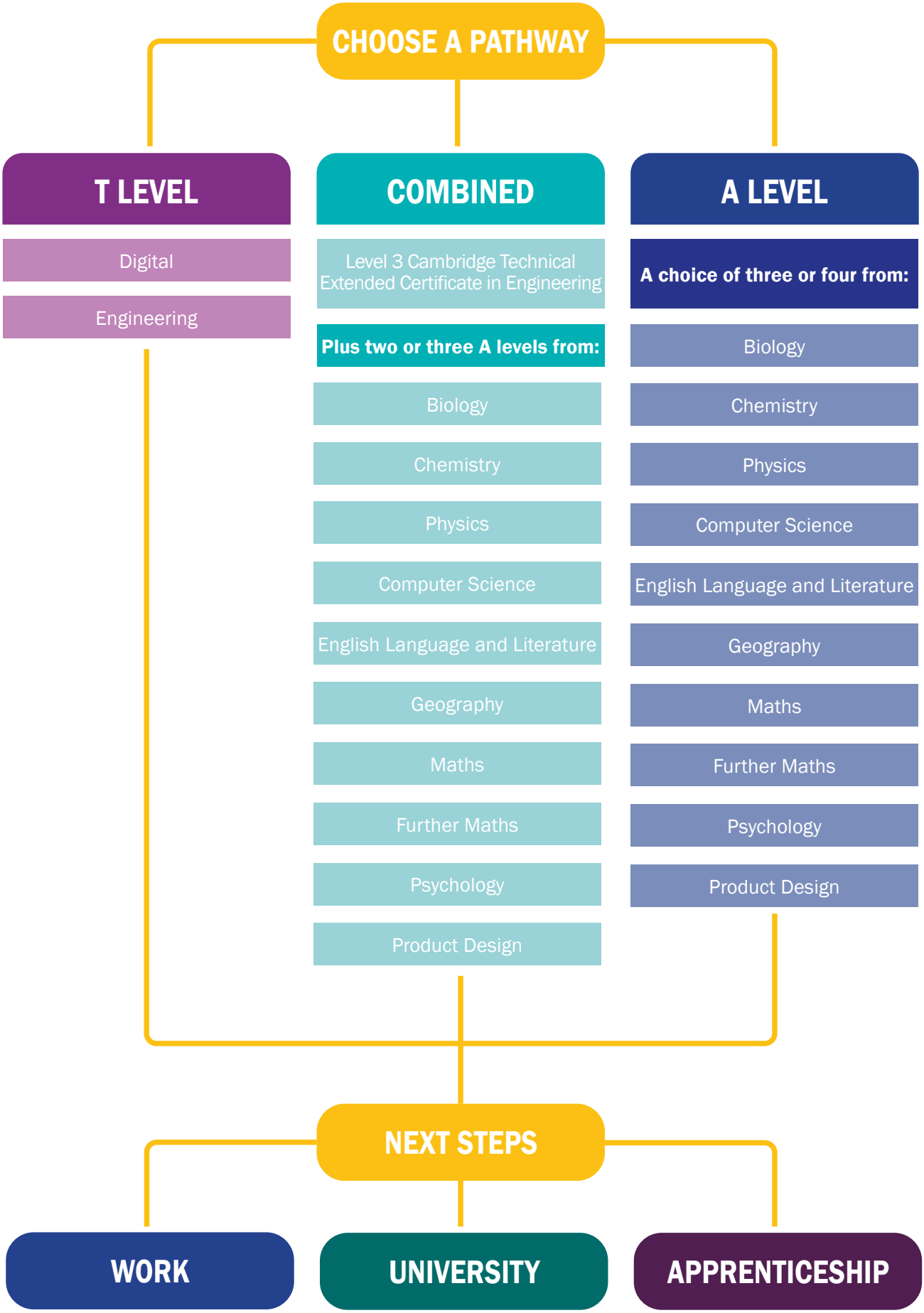
PATHWAYS THROUGH SIXTH FORM

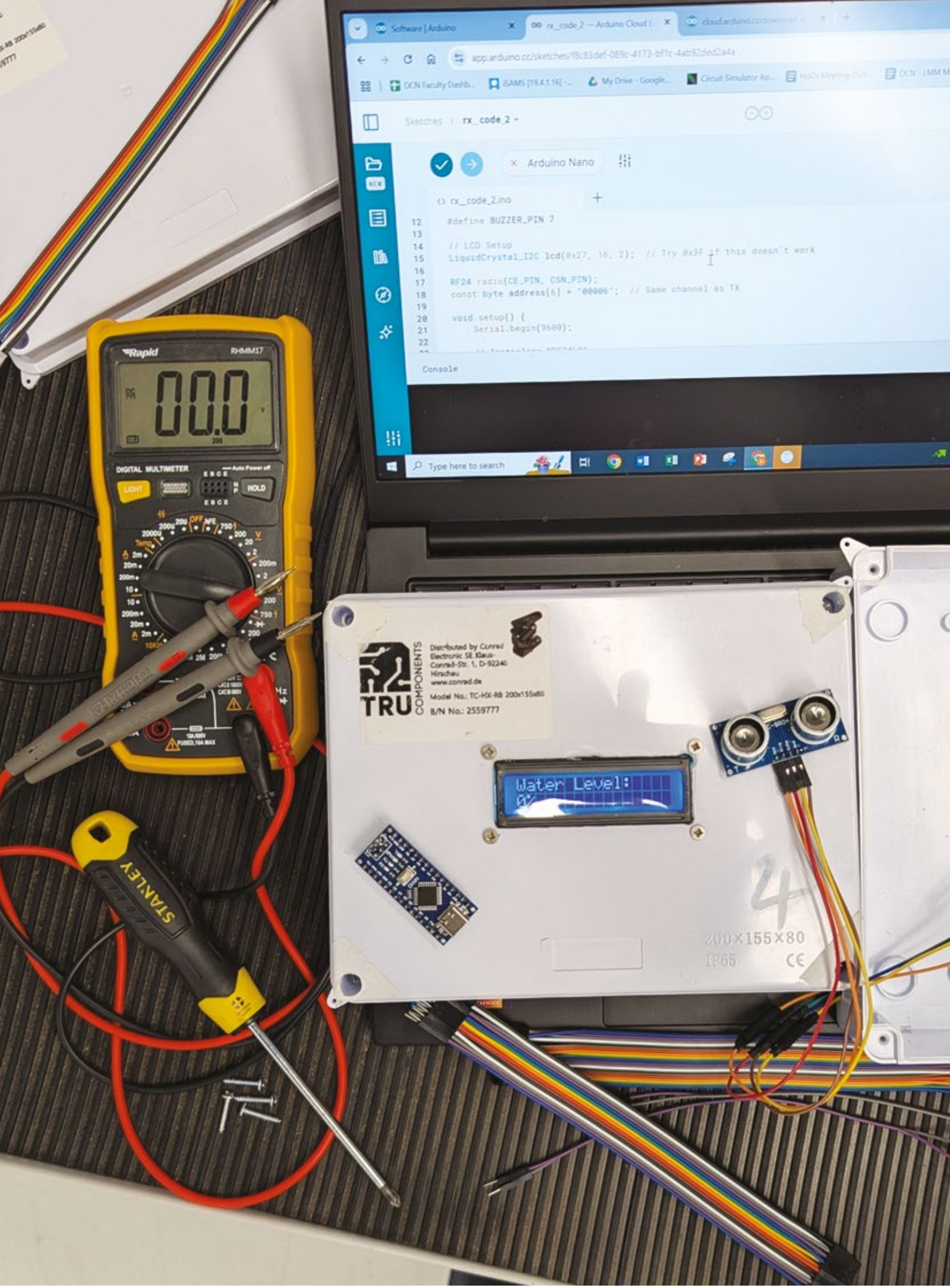
If you are serious about turning your passion for STEM into a future career, and are prepared to work hard to reach your goals, our Sixth Form is definitely the place for you.

We offer a choice of three pathways through Sixth Form: A levels, Combined or T Level. All three give students the opportunity to progress to university, an apprenticeship, or employment after completing their two years of study.

Our A level offer includes a high proportion of academically challenging subjects, designed to support students aiming for universities, including top destinations. Our Combined route offers the chance to study an Extended Certificate in Engineering, which is the equivalent work and UCAS points value as an A level, alongside two or even three A levels of your choice. Our T Level route offers the choice to study either the Engineering or Digital T Level, a qualification that is a great blend of academic learning and work placement with an employer.

You can find out more detail about all of these options in the individual course pages ahead.


CHOOSE A PATHWAY
T LEVEL
Digital
Engineering
COMBINED
Level 3 Cambridge Technical Extended Certificate in Engineering
Plus two or three A levels from:
Biology
Chemistry
Physics
Computer Science
English Language and Literature
Geography
Maths
Further Maths
Psychology
Product Design
A LEVEL
A choice of three or four from:
Biology
Chemistry
Physics
Computer Science
English Language and Literature
Geography
Maths
Further Maths
Psychology
Product Design
NEXT STEPS
WORK
UNIVERSITY
APPRENTICESHIP


Rapid
RHMM17
DIGITAL MULTIMETER
HOLD
LIGHT
Arduino Nano
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#define BUZZER_PIN 7
// LCD Setup
LiquidCrystal_I2C lcd(0x27, 16, 2); // Try 0x3F if this doesn't work
RF24 radio(CE_PIN, CSN_PIN);
const byte address[6] = "00006"; // Same channel as TX
void setup() {
Serial.begin(9600);
Console
Type here to search
TRU COMPONENTS
Distributed by Conrad Electronic SE Klaus-Conrad-Str. 1, D-92240 Hirschau
www.conrad.de
Model No.: TC-HX-RB 200x155x80
B/N No.: 2559777
Water Level:
200X155X80
IP66
STANLEY

EXTENDED CERTIFICATE IN ENGINEERING

Equivalent to one A level, this course provides a well-rounded introduction to engineering. Students complete three core units covering mechanical and electrical/electronic principles, practical skills through Engineering in Practice, developing both mechanical and electrical/electronic hands-on abilities, and Material Science. They then build on this with two specialist units: Computer-Aided Design (CAD) and Computer-Aided Manufacture (CAM). This course offers a strong foundation for university or an engineering apprenticeship.

What You Will Learn:

- Mechanical engineering principles
- Electrical and electronic engineering principles
- Engineering materials and their properties
- Hands-on practical mechanical skills
- Computer-Aided Design (CAD) for 2D and 3D modelling
- Computer-Aided Manufacture (CAM) techniques
- Additive manufacturing (3D printing processes)

Course Structure:

- Year 12:
  - 50% exam: Principles of Engineering
  - 50% Non-Exam Assessment (NEA): Engineering in Practice
- Year 13:
  - 33.3% exam: Materials Science and Technology
  - 66.6% Non-Exam Assessment (NEA): Computer-Aided Design and Computer-Aided Manufacture

Entry Requirements

You'll need at least five GCSEs at grade 5 or above including English. This must also include a grade 6 or above in maths.

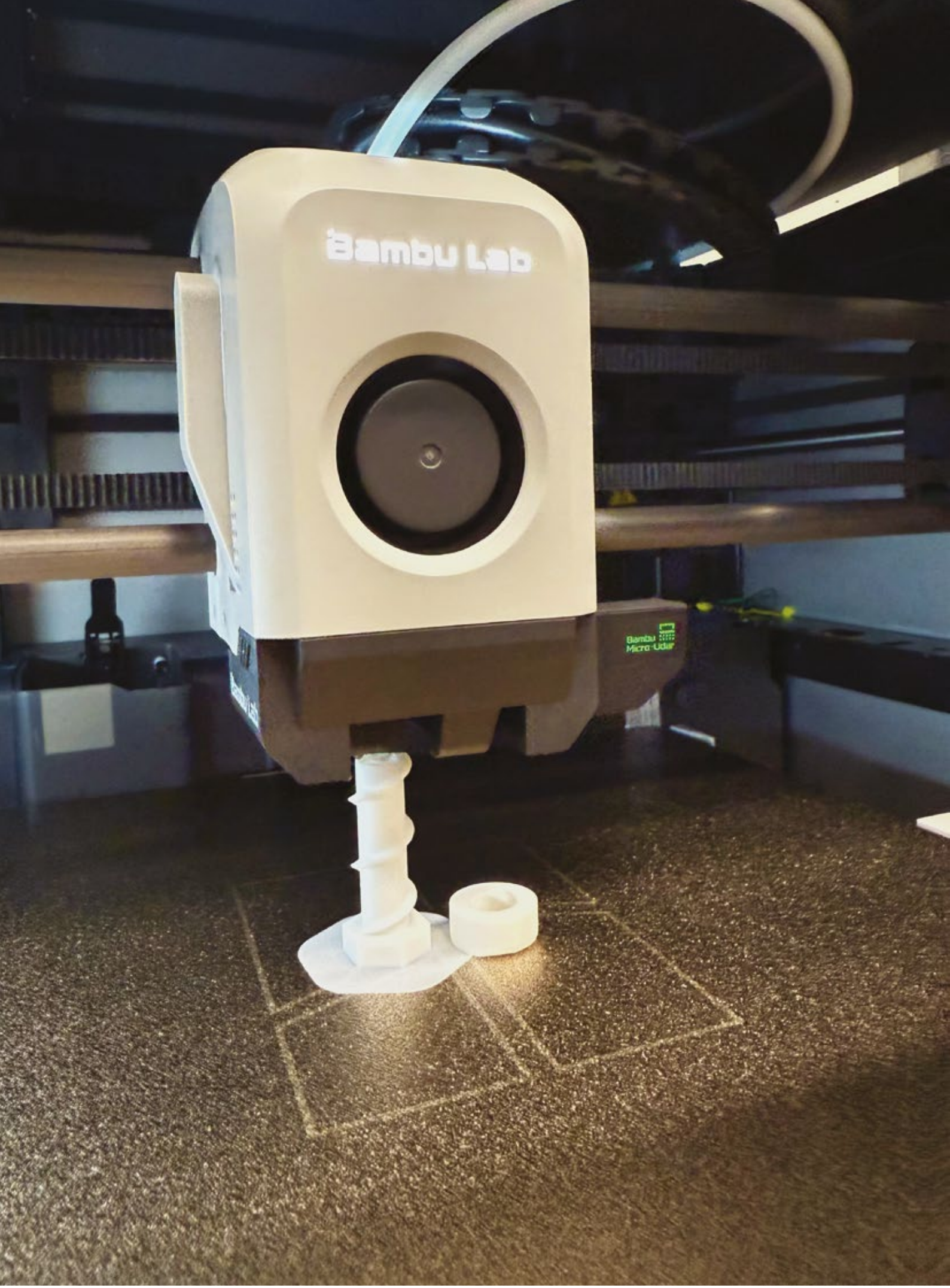
This course is equivalent to one A level, and is to be studied alongside two other A levels.

Future Careers Include:

- Biomedical Engineer
- Chemical Engineer
- Composite Technician
- Control System Engineer
- Integrated Circuit Designer
- Mechatronic Engineer
- Telecommunications Engineer

ISAAC - FORMER BOURNE COMMUNITY COLLEGE STUDENT

"I chose the Extended Certificate in Engineering as it provides a range of opportunities to learn about real-world topics; the topics we cover are broad and allow us to find our personal interest and gauge an idea of what we would like to pursue in the future. The subject matters are taught by experienced and qualified teachers that make the curriculum interesting and exciting.


Bambu Lab
Bambu
Micro-Lidar

ENGINEERING T LEVEL

Technical Qualification in Maintenance, Installation & Repair for Engineering & Manufacturing

T Levels are new courses which follow GCSEs and are the equivalent of three A levels. These two year courses have been developed in collaboration with employers and businesses so that the content meets the needs of industry and prepares learners for the world of work. There is also a requirement to complete an industry placement of 45-50 days over the two years of the course. This course is suitable for anyone wanting a career within engineering or manufacturing industries.

What You Will Learn:

The qualification will help you gain an understanding of the engineering industry and will cover topics such as:

- Maintenance
- Installation and repair requirements
- Fault detection and diagnosis
- Isolation and resolution methods
- Communication for maintenance, installation and repair activities

Course Structure:

- Year 12: Exam Paper 1 and Paper 2 - graded A* - E
- Year 13: Employer Set Project and Occupational Specialism Project - graded Pass - Distinction

Entry Requirements

You'll need at least five GCSEs at grade 5 or above including English, maths and science. If triple science is taken, a minimum of grade 4 is required in physics.

Future Careers Include:

- Aerospace Engineer
- Broadcasting Engineer
- Electric Vehicle Technician
- Installation Engineer
- Instrumentation Engineer
- Radio & Radar Engineer
- Robotics Engineer

HANA - FORMER ADMIRAL LORD NELSON SCHOOL STUDENT

"I chose to study the Engineering T Level course as I wanted the opportunity to see how what I learn in college applied to the world of work. With my placement, I get real-life experiences to go along with the theory knowledge I am gaining, as well as understanding the design and test process in industry. I think this is a great qualification that will definitely open doors for my future career.

A LEVEL PRODUCT DESIGN

Product Design is a forward-thinking A Level developing students' ability to design and engineer effectively. With a strong focus on digital tools, students use CAD/CAM and rapid prototyping to explore and refine ideas. Alongside knowledge of materials, manufacturing, and sustainability, the course builds critical thinking and problem-solving skills. It's ideal for students interested in design, engineering, or architecture, who are keen to understand how products are developed from concept to production.

What You Will Learn:

- Materials and their properties
- Manufacturing processes and production methods
- Product lifecycle and sustainability
- Iterative design process
- Design influences
- CAD/CAM modelling techniques
- Project management and communication skills
- Specialist Knowledge (based on chosen material)

Course Structure:

- 50% Non-Exam Assessment (NEA)
- 50% exam:
  - Paper 1: Technical Principles (materials, processes, etc.)
  - Paper 2: Designing and Making Principles (design processes, influences, etc.)

Entry Requirements

You'll need at least five GCSEs at grade 5 or above including English and maths. This must also include a grade 6 or above in a related subject.

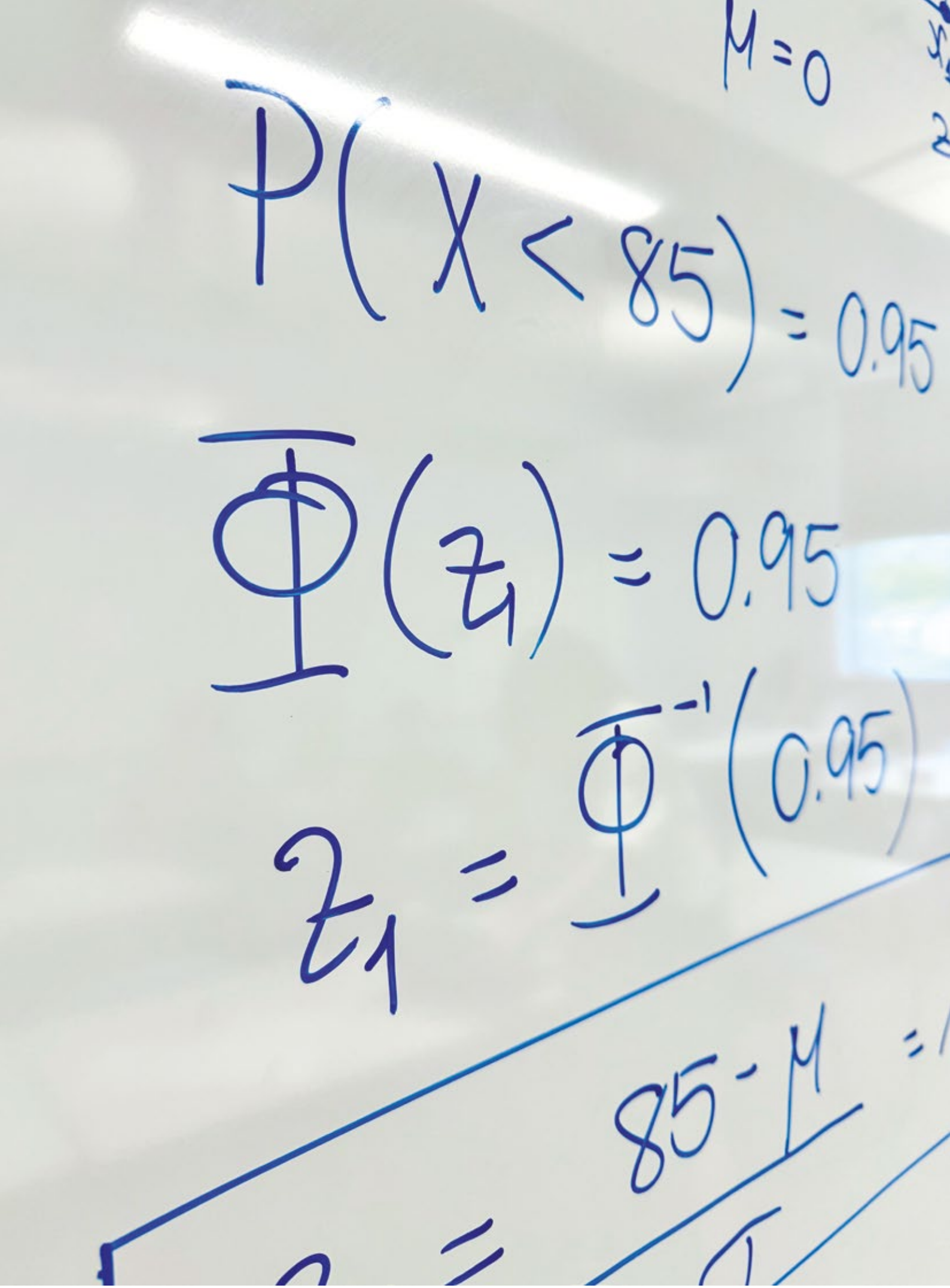
Although not essential, GCSE Design Technology or an engineering qualification are preferred.

Future Careers Include:

- Architect
- Automotive Designer
- CAD Technician
- Colour Technologist
- Packaging Designer
- Product Designer
- Spatial Designer

HARRISON - FORMER BROOKFIELD COMMUNITY SCHOOL STUDENT

"Following my study of GCSE Resistant Materials, I chose to pursue A level Product Design to enable me to further develop my practical skills and explore innovation and commercial opportunities. UTC Portsmouth provides a wide range of tools and resources as well as offering first hand experiences. These opportunities, along with the advice from the staff, have helped me to apply theoretical knowledge in real world applications, significantly enhancing my understanding and passion for product design.


μ = 0
P(X < 85) = 0.95
Φ(z1) = 0.95
z1 = Φ^-1(0.95)
85 - μ

MATHS A LEVEL

A level in mathematics builds from GCSE knowledge, introducing calculus and its applications. It highlights the interconnectedness of mathematical ideas and their use in modelling real-world situations through algebra and other representations. Students learn to interpret data, understand the physical world, and solve problems across diverse contexts, including the social sciences and business. The course provides a strong foundation for further study and enjoyment in any discipline that uses mathematics.

What You Will Learn:

- Differentiation and integration
- Modelling using exponentials and logarithms
- Sequences
- Mathematical proof
- Newton's laws and forces
- Kinematics and projectile motion
- Probability and hypothesis testing
- Data analysis and representation

Course Structure:

- 100% exam, across 3 papers sat at the end of the course:
  - Paper 1: Pure and Mechanics
  - Paper 2: Pure and Statistics
  - Paper 3: Pure

Entry Requirements

You'll need at least five GCSEs at grade 5 or above, including English. This must also include a grade 7 or above in GCSE maths.

Please note: maths and physics are key underpinning subjects for engineering degree courses, and are highly regarded by both hi-tech employers and universities.

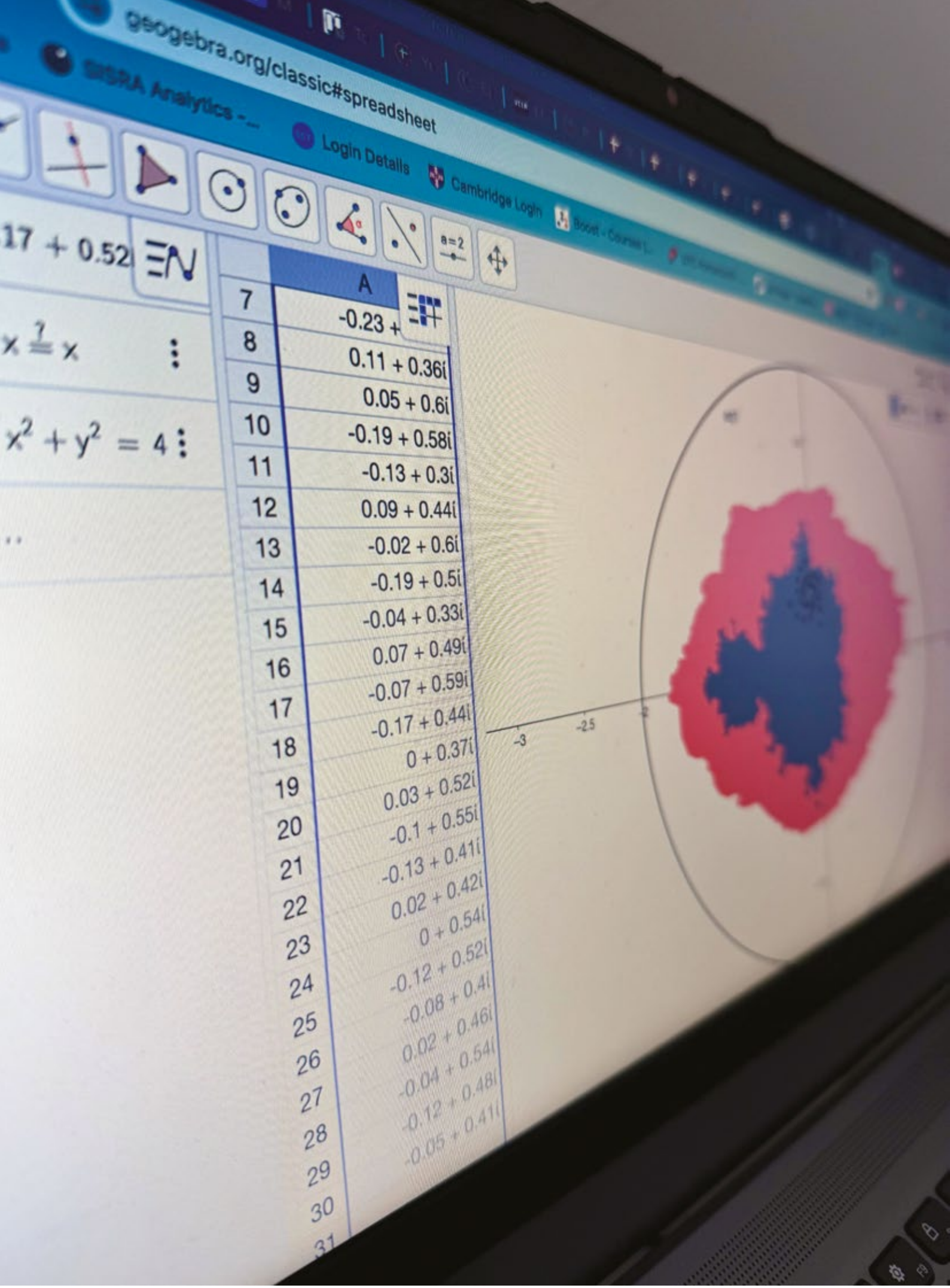
If you are considering a career in engineering, we highly recommend you take A level physics alongside maths.

Future Careers Include:

- Actuarial Analyst
- Software Engineer
- Chartered Accountant
- Data Analyst
- Data Scientist
- Investment Analyst
- Statistician

AHMED - FORMER PRIORY SCHOOL STUDENT

"For me, maths feels like a beautifully intricate puzzle for us to solve. I've really enjoyed the way maths puts our skills to the test in a completely different way to other subjects. My favourite aspect of A level maths is by far problem solving; applying what I already know to unfamiliar, and sometimes seemingly unrelated, scenarios. Even if it's only the starting numbers that change, every question still feels different enough to be intriguing. I always knew I was going to take A level maths, and I am really happy that I made that decision.


geogebra.org/classic#spreadsheet
Login Details
Cambridge Login
17 + 0.52
x = x
x² + y² = 4
A
-0.23 +
0.11 + 0.36i
0.05 + 0.6i
-0.19 + 0.58i
-0.13 + 0.3i
0.09 + 0.44i
-0.02 + 0.6i
-0.19 + 0.5i
-0.04 + 0.33i
0.07 + 0.49i
-0.07 + 0.59i
-0.17 + 0.44i
0 + 0.37i
0.03 + 0.52i
-0.1 + 0.55i
-0.13 + 0.41i
0.02 + 0.42i
0 + 0.54i
-0.12 + 0.52i
-0.08 + 0.4i
0.02 + 0.46i
-0.04 + 0.54i
-0.12 + 0.48i
-0.05 + 0.41i
-3
-2.5

FURTHER MATHS A LEVEL

Further Mathematics is ideal for students with a strong interest in maths, particularly those considering degrees in mathematics, engineering, science, or economics. The course goes beyond A level mathematics, exploring both broader and deeper concepts. Core content includes complex numbers and matrices - key tools in fields such as engineering and computing - while optional topics allow students to tailor their studies to suit their interests and future goals.

What You Will Learn:

- Complex numbers
- Matrices and transformations
- Roots of polynomials
- Proof by induction
- Vectors
- Differential equations
- Mechanics
- Modelling with algorithms

Course Structure:

- 100% exam, across 4 papers sat at the end of the course:
  - Core (50%)
  - Mechanics Minor (16.7%)
  - Modelling with Algorithms (16.7%)
  - Extra Pure (16.7%)

Entry Requirements

You'll need at least five GCSEs at grade 5 or above, including English. This must also include a grade 7 (preferably 8) in GCSE maths.

Please note: you will also be required to study A level maths alongside A level further maths.

Future Careers Include:

- Digital Process Systems Engineer
- Customer Insight Specialist
- Big Data Analyst
- Business Analyst
- Cryptomath Researcher
- Investment Banker
- Management Accountant

DAKOTA - FORMER CROOKHORN COLLEGE STUDENT

"Maths has been an integral part of my studies, so doing Further Maths seemed the obvious choice, especially with teachers as willing and helpful as the ones at UTC Portsmouth. All teachers have clearly shown they want the best from us, and will push us to reach our potential. While this has also made maths even more enjoyable, it has also helped me a lot with my other subjects, linking different concepts perfectly. I would recommend this course to anyone passionate about maths, who enjoys being academically stretched.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BIOLOGY A LEVEL

Biology A Level explores the systems and processes that underpin life, including cellular biology, physiology, genetics, evolution, and ecology. These topics connect directly to global challenges such as disease management, biodiversity loss, and climate change. Students develop core skills in experimental design, data analysis, and problem solving - all essential for further study and scientific careers. This course is well suited to those considering a career in healthcare, research, or biotechnology.

What You Will Learn:

- Biological molecules and cells
- Organism substance exchange with environment
- Genetic information, variation, and relationships between organisms
- Energy transfers in and between organisms
- Organisms response to changes in internal/external environments
- Genetics, populations, evolution and ecosystems
- The control of gene expression

Course Structure:

- Exam Paper 1: Yr 12 topics (biological molecules, cells, exchange systems and genetics), worth 35%
- Exam Paper 2: Yr 13 topics (energy transfers, environmental response, genetics), worth 35%
- Exam Paper 3: All topics with a focus on scientific and practical skills (and essay question), worth 30%
- Alongside their A level, students complete a practical endorsement, assessed by teachers by observing key skills not covered in written exams. This supports progression and future career prospects.

Entry Requirements

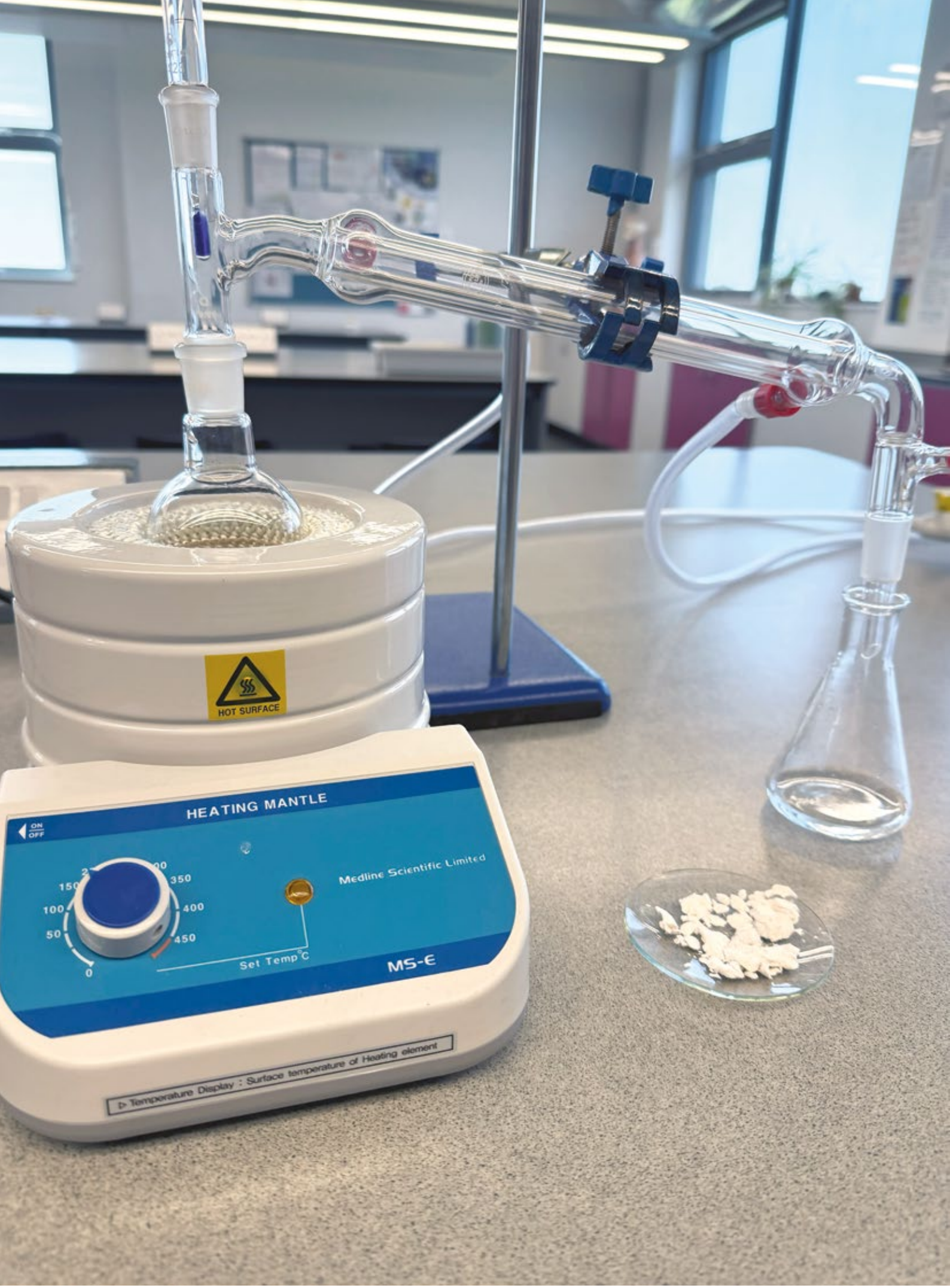
You'll need at least five GCSEs at grade 5 or above, including English and maths. This must also include a grade 6 or above in either biology or 6,6 in combined science.

Future Careers Include:

- Bioinformatician
- Medical Science Liaison
- Clinical Research Associate
- Genomics Data Analyst
- Biomedical Engineer
- Research Scientist
- Laboratory Manager

GRACE - FORMER HORNDEAN TECHNOLOGY COLLEGE STUDENT

"I chose to study biology as an aspiring medical student because how parts of the body function, from the organs all the way down to the cells, fascinates me. I loved biology at GCSE and A level has only extended that; building on previous knowledge to finally explain the 'whys' and 'hows' behind our bodies and the wider environment. All chapters intertwine to provide an extensive knowledge of the subject matter, just like biology in practice.


HOT SURFACE
HEATING MANTLE
ON
OFF
150
100
50
0
350
400
450
Set Temp °C
Medline Scientific Limited
MS-E
Temperature Display : Surface temperature of Heating element

CHEMISTRY A LEVEL

Explore the chemical principles behind biological systems, materials science, and environmental change through studying A Level Chemistry. The course develops a clear understanding of how chemistry underpins modern life, while building key skills in practical lab techniques, data analysis, problem solving, and critical thinking. This suits students interested in exploring how chemistry can help tackle challenges such as energy sustainability, healthcare, and climate change.

What You Will Learn:

- Physical chemistry, including atomic structure, bonding, thermodynamics, kinetics, equilibrium, and redox reactions
- Inorganic chemistry, including, periodicity, group 2 and 7 elements, transition metals, and the reaction of ions in aqueous solution
- Organic chemistry, including alkanes, halogenalkanes, alkenes, alcohols, organic analysis, optical isomerism, aldehydes and ketones, carboxylic acids, amines, polymers, amino acids, proteins and DNA, and chromatography

Course Structure:

- Exam Paper 1: Physical and inorganic chemistry, worth 35%
- Exam Paper 2: Physical and organic chemistry, worth 35%
- Exam Paper 3: All topics with a focus on scientific and practical skills, worth 30%
- Alongside their A level, students complete a practical endorsement, assessed by teachers by observing key skills not covered in written exams. This supports progression and future career prospects.

Entry Requirements

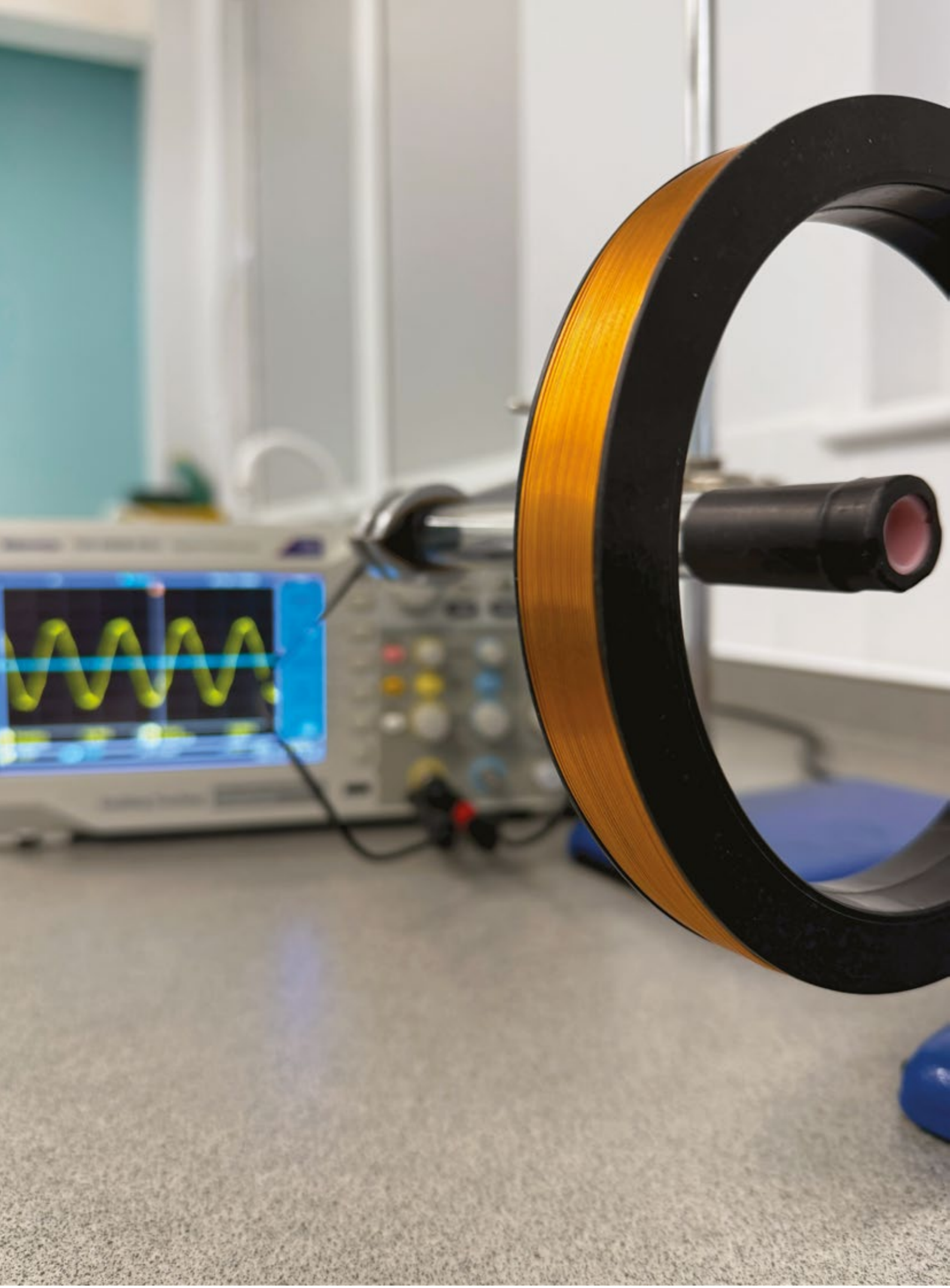
You'll need at least five GCSEs at grade 5 or above, including English. This must also include a grade 6 or above in maths and a grade 6 or above in either chemistry or 6,6 in combined science.

Future Careers Include:

- Astrochemist
- Computational Analyst
- Drug Discovery Scientist
- Green Chemist
- Marine Biogeochemist
- Nanotechnologist
- Quantum Chemist

MAYA - FORMER SPRINGFIELD AND UTC PORTSMOUTH STUDENT

"I always knew that I wanted to take chemistry at A level, as it is not only a necessary subject for me to be able to continue on to University and study Veterinary Medicine, but because of how many different areas of science it covers. It is a mix of physics, biology, and a little bit of maths, and explaining the 'behind-the-scenes' of the world unlike any other subject. Throughout Year 12, my love for the subject has continued to flourish, thanks to the eagerness and genuine love that the teachers exhibit.



PHYSICS A LEVEL

Students gain a broad understanding of the physical world through A Level Physics, covering topics such as mechanics, particles, thermodynamics, and nuclear physics. The course develops theoretical knowledge alongside practical skills in experimentation, data analysis, and problem solving. Physics underpins innovation in areas like renewable energy, medical technology, space exploration, and quantum computing. This course is well suited to students interested in applying scientific principles to real-world challenges.

What You Will Learn:

- Measurements and their errors
- Particles and radiation
- Waves
- Mechanics and materials
- Electricity
- Fields and their consequences
- Nuclear physics
- Optional units, including astrophysics, medical physics, engineering physics and electronics

Course Structure:

- Exam Paper 1: Yr 12 topics (quantum physics, electricity, mechanics, and waves) worth 34%
- Exam Paper 2: Yr 13 topics (inc. gravitational/electric fields, electromagnetism, radioactivity) worth 34%
- Exam Paper 3: Section A - scientific and practical skills, Section B - Optional topic, worth 32%
- Alongside their A level, students complete a practical endorsement, assessed by teachers by observing key skills not covered in written exams. This supports progression and future career prospects.

Entry Requirements

You'll need at least five GCSEs at grade 5 or above, including English. This must also include a grade 6 or above in maths and a grade 6 or above in either physics or 6,6 in combined science.

Please note: maths and physics are key underpinning subjects for engineering degree courses, and are highly regarded by both hi-tech employers and universities. If you are considering a career in engineering we highly recommend you take A level physics alongside maths.

Future Careers Include:

- Aerospace Engineer
- Quantum Computing Specialist
- Fusion Scientist
- High-Energy Physicist
- Nanophotonics Researcher
- Astrobiologist
- Volcanologist

LARA - FORMER THE PETERSFIELD SCHOOL STUDENT

"I chose to study physics because I wanted to gain an understanding of the forces in the universe around me. It bridges the gap between theory and applications in the real world, which has promoted creativity and problem solving throughout the entire curriculum. My teacher has always been there to support my learning, and the whole department has provided continuous help and resources to aid my revision. I would recommend A level physics to anyone who is curious about how the world works.

PSYCHOLOGY A LEVEL

Studying A level Psychology introduces students to the scientific study of behaviour and the mind. The course covers key approaches, research methods and core topics including memory, attachment and social influence. Students develop skills valued by Higher Education and employers including critical thinking and research. It is a suitable choice for those interested in careers in healthcare, education, or criminal justice, and provides a strong foundation for further study in psychology.

What You Will Learn:

- Social influence
- Memory
- Attachment
- Psychopathology
- Biopsychology
- Cognition and development
- Stress
- Forensic psychology

Course Structure:

- Assessment of exams taken at the end of the two year course:
  - Paper 1: Core Units (Social Influence, Attachment, Memory, and Psychopathology) worth 33%
  - Paper 2: Foundations of Psychology Research (Research Methods, Biopsychology, and Approaches to Psychology) worth 33%
  - Paper 3: Options and Issues and Debates (inc. Forensic Psychology, Schizophrenia, and Relationships) worth 33%

Entry Requirements

You'll need at least five GCSEs at grade 5 or above, including English literature and maths. This must also include a grade 6 or above in English language and a grade 6 or above in either biology or 6,6 in combined science.

Please note: a confidence in maths and statistics is also required as at least 10% of the marks in assessments for psychology will require the use of mathematical skills.

Future Careers Include:

- Clinical Psychologist
- Counter Terrorism Officer
- Cyber Intelligence Manager
- Forensic Psychologist
- Military Defence Analyst
- Sports Psychologist
- UK Intelligence Agent

MILLIE - FORMER ARK CHARTER ACADEMY STUDENT

"Psychology is a constantly evolving science that covers many different areas surrounding why we behave as we do. I decided to take psychology as I wanted to take a science that encompassed multiple aspects of both biology and chemistry, whilst having an overall focus on the social and cognitive impacts of these subjects. UTC Portsmouth's approach to psychology is unique and I believe its approach to the course sets it apart from other colleges offering this A level.


Raspberry Pi 4 Model B
©Raspberry Pi 2018
GPIO
FCC ID: 2ABCB-RPI4B
IC: 20953-RPI4B
Made in the UK
HDMI
GLOBAL_EN
RUN
DISPLAY
CAMERA
POWER IN
PWR

DIGITAL T LEVEL

Digital Software Development

T Levels are courses which follow GCSEs and are the equivalent of three A levels. These two year courses have been developed in collaboration with employers and businesses so that the content meets the needs of industry and prepares learners for the world of work. There is also a requirement to complete an industry placement of 45-50 days over the two years of the course. This course is suitable for anyone wanting a career in software development and design.

What You Will Learn:

- How digital technologies impact businesses, including legal and regulatory obligations
- The ethical and moral implications of digital technology
- Using digital technologies to solve problems
- Digital environments, including physical, virtual and cloud environments
- Emerging technical trends, such as Artificial Intelligence (AI) and the Internet of Things (IoT)

Course Structure:

- Year 12: Paper 1, Paper 2 and Employer Set Project - all equal weighting - graded A* - E
- Year 13: Occupational Specialism Project - graded Pass - Distinction

Entry Requirements

You'll need at least five GCSEs at grade 5 or above including English and maths.

Future Careers Include:

- Cyber Security
- Web Developer
- Computer Games Tester
- User Experience (UX) Designer
- Software Designer
- Web Designer
- Computer Games Developer

JAMIE - FORMER SWANMORE COLLEGE AND UTC PORTSMOUTH STUDENT

"**UTC Portsmouth** has allowed me to expand on every aspect of my learning, unlocking skills I didn't think I had. The Employer Partner interactions are great opportunities to meet new people and possible career paths. The facilities allow you to properly get work done, without the worry if your equipment will fail on you. They have assisted me along the way with many ideas and journeys, allowing me to unlock my full potential.


CodePad
Skeleton Prograr
main.py
clean
Share
Stop
MaxTarget = 1000
TrainingGame = True
else:
MaxNumber = 10
MaxTarget = 50
Targets = CreateTargets(MaxNumberOfTargets, MaxTarget)
NumbersAllowed = FillNumbers(NumbersAllowed, TrainingGame, MaxNumber,extra_number)
PlayGame(Targets, NumbersAllowed, TrainingGame, MaxTarget, MaxNumber)
input()
def PlayGame(Targets, NumbersAllowed, TrainingGame, MaxTarget, MaxNumber):
extra_number = 0
Score = 0
GameOver = False
while not GameOver:
DisplayState(Targets, NumbersAllowed, Score)
UserInput = input("Enter an expression: ")
print()
Find

COMPUTER SCIENCE A LEVEL

A level Computer Science develops an understanding of the fundamental principles of computing, including algorithms, data representation and programming. Students learn to design, model and test solutions to real-world problems, gaining experience in writing and applying code. The course also explores the social, legal and ethical impacts of digital technology. It is an ideal choice for those interested in careers within software development, cyber security or the broader digital sector.

What You Will Learn:

- Programming
- Data structures
- Algorithms
- Computer organisation and architecture
- The theory of computation
- Communication and networking
- Databases including Big Data
- Systematical approaches to problem solving

Course Structure:

- Assessment of exams and coursework taken at the end of the two year course:
  - Two exam papers - both worth 40% each
  - Non-Exam Assessment (NEA) worth 20%

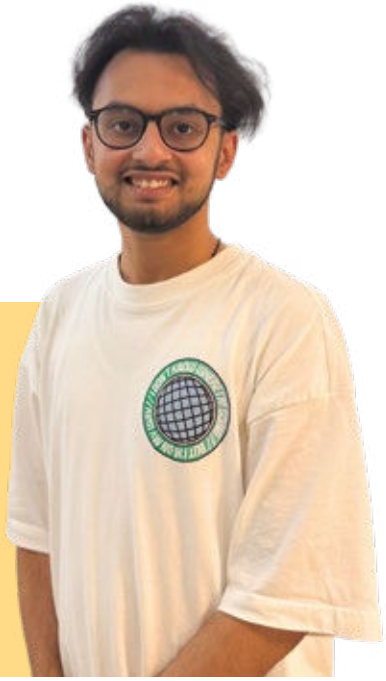
Entry Requirements

You'll need at least five GCSEs at grade 5 or above, including English and maths. This must also include a grade 6 or above in computer science.

If computer science is not taken at GCSE you will need a grade 6 or above in maths.

Future Careers Include:

- Computer Games Programmer
- Hardware Engineer
- IT Architect
- Network Manager
- Security Analyst
- Software Engineer
- Website Developer



NEERAV - FORMER ARK CHARTER SCHOOL AND UTC PORTSMOUTH STUDENT

"I chose to pursue A level Computer Science as I aspire to build my interest into a career. The UTC Portsmouth course is designed to provide transferable skills and knowledge to the workplace. The computer science department is truly committed and enthusiastic, ensuring full guidance in enabling students to perform to their best. My engagement with IBM provided insights into the true value and potential of computer science in an evolving AI enabled environment.


DANGER AREA
CITY OF PORTSMOUTH
Whale Island
HMS Excellent
Quay
Historic Dockyard
Mary Rose
HMS Victory
HMS Warrior 1860
Portsmouth Harbour Station
Emirates Spinnaker Tower
Gunwharf Quays
Haslar Marina
The Point
Lookout Sta
Square Tower
Fort Blockhouse
Royal Garrison Church
Clarence Pier
Southsea Common
War Meml
Solent Way
UA Bdy
Aquarium
Spit Sand
FERRY CATAMARAN
FERRY SHIP Fishbourne
FERRY HOVERCRAFT Ryde (P)
Southsea Castle
South Parade Pier
Lumps Fort
MODEL VILLAGE
PORTSMOUTH
Portsea Island

GEOGRAPHY A LEVEL

This Geography A level course equips students with the knowledge, understanding, and skills to engage with global issues. As a multidisciplinary subject, it covers topics ranging from weather systems and natural hazards to population change, disease, and climate change. Students develop analytical, research, and evaluative skills while exploring the physical and human processes shaping the world. This is well suited to those interested in environmental science, urban planning, or meteorology.

What You Will Learn:

- Physical geography, including water and carbon cycles, coastal systems and landscapes, and hazards
- Human geography including global systems and global governance, changing places, and population and the environment
- Undertaking of a geography fieldwork investigation
- There may be additional optional trips, such as a visit to Northney Farm to observe farming processes, and the possibility of an overseas trip

Course Structure:

- Two exam papers - one on human and one on physical geography - worth 80% of the A level
- Individual research project undertaken in second year worth 20% of the A level
- Fieldwork: there are two compulsory days of fieldwork each year. In the first year this will be to teach the necessary skills in order to collect valuable, reliable data. In the second year, students collect their own data to write up the individual research project.

Entry Requirements

You'll need at least five GCSEs at grade 5 or above, including maths. This must also include a grade 6 or above in English, and geography or another science subject.

Future Careers Include:

- Cartographer
- Geographical Information Systems Manager
- Environmental Consultant
- Conservation Officer
- Environmental Risk Manager
- Geologist
- Town Planner

JOSH - FORMER BOHUNT SCHOOL STUDENT

"I chose to study geography A level as it offers a comprehensive understanding of the world, encompassing various aspects such as physical landscapes, human societies, and how they interact with one another. I can also explore a vast range of real-world issues, such as climate change and urban development with the case studies enabling an understanding on both a local and global scale. Geography A level also provides great opportunities outside of the classroom from conducting your own field work research to having the chance to visit Iceland.


THE SUN
If you were made of air,
your face empty and infinite as sky,
your words a wind with litter for its nouns,
your movements sudden gusts among the clouds,
your body only breeze against my dress,
if you were air, if you were made of air, yes, yes.
If you were made of air, if you were air,
if you were made of water, if you were water,
if you were made of fire, if you were fire,
39
THE GREAT GATSBY
F. SCOTT FITZGERALD
WORDSWORTH

ENGLISH LANGUAGE & LITERATURE A LEVEL

Develop as a skilled producer of original writing through taking A Level English Language and Literature. The course combines the analytical study of fiction and non-fiction with opportunities for creative expression, encouraging thoughtful discussion and debate. Students explore a wide range of texts while building confidence in both reading and writing. It's an ideal choice for those interested in journalism, media, communication, or any field where critical thinking and written skills are essential.

What You Will Learn:

- Developing and applying knowledge of literary analysis and evaluation
- Concepts and methods appropriate for analysis and study of language
- Using linguistic and literary approaches in the reading and interpretation of texts
- Developing skills as producers and interpreters of language
- Creative and critical review of a wide range of texts

Course Structure:

- Assessment of exams taken at the end of the two year course and coursework written across the two years:
  - Exam paper: Exploring Non-Fiction and Spoken Texts, worth 16%
  - Exam paper: The Language of Poetry and Plays, worth 32%
  - Exam paper: Reading as a Writer, Writing as a Reader, worth 32%
  - Non-Exam Assessment (NEA): Analysing and Producing Texts, worth 20%

Entry Requirements

You'll need at least five GCSEs at grade 5 or above, including maths. This must also include a grade 6 or above in both English language and English literature.

Future Careers Include:

- Copywriter
- Digital Marketer
- Editorial Assistant
- Events Manager
- Journalist
- Public Relations
- Social Media Manager

JUDAH - FORMER PRIORY AND UTC PORTSMOUTH STUDENT

"I wholeheartedly enjoy having English as part of my timetable at A level as it allows me to apply myself in different ways - beyond purely STEM fields. The variety of topics covered in conjunction with the 'narrow and deep' mindset encouraged in our analysis helps me grasp the big and small pictures of how language and literature are used throughout our world.


Final design
Figure 13 [the final prototype]

EXTENDED PROJECT QUALIFICATION (EPQ)

Equivalent to half an A level, the EPQ is an optional, independent qualification open to all students. It runs during enrichment for five half-terms, starting after Easter in Year 12, and is completed by February half-term in Year 13. With support from a supervisor, students research a topic of their choice - beyond the A level syllabus - and develop key transferable skills. These include project management, critical thinking, communication, and decision making. The EPQ is valued by both universities and employers and can earn up to 28 UCAS points.

What The Course Covers:

- Students are required to undertake research on a topic that they have chosen and which is not covered by their other qualifications.
- Students may take inspiration from something raised in class or select something completely unrelated, but that they have a good interest in.
- This course provides skills required for those who pursue higher education, apprenticeships, or a career.

Course Structure:

- Students will complete a 5,000 word research-based essay, or submit an artefact accompanied by a minimum 1,000 word research-based essay.
- Students will need to give a detailed picture of the journey from the initial ideas to project completion, with clear research and evidence-based decision making, planning and monitoring progress.
- A final presentation is delivered to a non-specialist audience to explain their findings and detail their EPQ experience.

Entry Requirements

All students are eligible to undertake the EPQ course, regardless of course/route taken.

Example EPQ Titles:

- How do modern stories present Hades differently from the Ancient Greeks?
- How are brachytherapy isotopes made to provide effective cancer treatment?
- A sustainability and structural assessment of additive manufacturing in the aerospace industry.

KEELEY - FORMER MILTONCROSS ACADEMY AND UTC PORTSMOUTH STUDENT

"I chose to take the EPQ course because it would allow me to investigate further into a topic I was interested in; the fact that it looks good on a University application, and has UCAS points is a bonus.

My EPQ is building a prosthetic leg, which means that my project is very hands-on; it's great that it's so flexible in what you can do.

DESTINATIONS FOCUSED

We are a destinations-led college, committed to supporting every student in achieving their next steps, whether that's university, an apprenticeship or a career.

Our students leave us with purpose, direction and the skills to succeed.

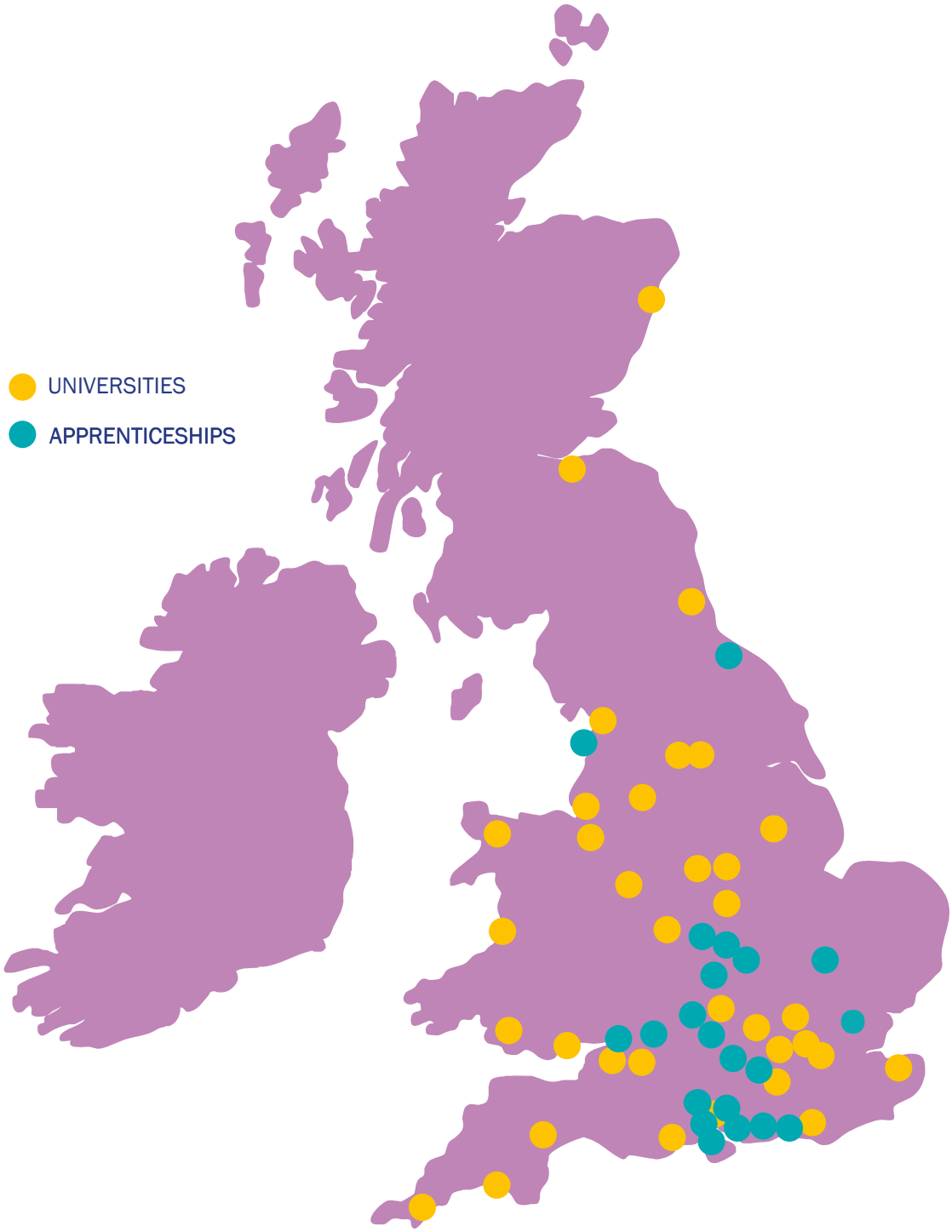
Everything we do is designed to guide them towards futures they are excited about and proud to pursue.

Throughout the year, we offer a programme of events designed to broaden horizons and raise aspirations. National Apprenticeship Week is a key feature in our calendar, where students explore the full range of apprenticeship opportunities.

Alumni return to the college to share their experiences and offer real-life insights into life after UTC Portsmouth. They are joined by our Employer Partners, who highlight the range of apprenticeship pathways on offer and the skills employers are looking for. These sessions allow students to make informed decisions about their futures.

Destinations Week is another staple of our academic year, providing targeted support through workshops, lectures and careers events. Students take part in CV writing sessions, mock interviews and hear directly from universities and Employer Partners. Our careers fair allows students to connect with professionals across a range of industries and explore future pathways.

Our students move onto a wide range of destinations across the UK. The following map shows just some of the universities and apprenticeship providers our alumni have joined.



Alumni Universities & Apprenticeships Across the UK Include:

SOUTH EAST

University of Portsmouth
University of Southampton
University of Reading
University of Surrey
University of Oxford

Royal Navy
NATS
Exxon Mobil
Airbus
Kenwood
Eaton Aerospace
Knight Consulting
Hampshire Constabulary
Lockheed Martin
DTSL
Apollo Motor Company

SOUTH WEST

University of Bournemouth
University of Exeter
University of Bath
University of Bristol
University of Plymouth
Falmouth University

GKN
Atkins
Rolls-Royce
Dyson

GREATER LONDON

Brunel University London
Imperial College London
Queen Mary University

EASTERN

Anglia Ruskin University
University of Hertfordshire
University of Cambridge

KPMG

YORKSHIRE & HUMBERSIDE

University of Bradford
University of Leeds

NORTH WEST

University of Chester
University of Liverpool
Edge Hill University
University of Lancaster

Fleetwood Nautical

EAST MIDLANDS

University of Nottingham
Loughborough University
De Montfort University
University of Derby
University of Lincoln

NORTH EAST

Newcastle University

Mitsubishi Energy

SCOTLAND

University of Edinburgh
University of Aberdeen

WALES

Cardiff Metropolitan University
Aberystwyth University
Swansea University
Bangor University

JOIN UTC PORTSMOUTH

HOW TO APPLY

Applications to join UTC Portsmouth in Year 12 (Sixth Form) should be made directly to UTC Portsmouth. The link to the application form is available in the 'Apply' section of the UTC Portsmouth website.

Once we have received your application, you'll be invited to a meeting to discuss your application.

This is a chance for us to understand why you'd like to study with us and discuss with you your predicted GCSE results.

Following your meeting, you'll receive a provisional offer that will be confirmed after our applications close on 12 January 2026.

TRANSPORT LINKS

FIND US

UTC Portsmouth
London Road
Portsmouth
PO2 9DU

Just off of the M27/A27/A3 intersection, UTC Portsmouth has excellent transport links making it easy to get to from a wide area. A number of buses stop right outside the college and we are only a 10 minute walk from Hilsea or Cosham train stations. Many students choose to cycle and we have plenty of secure, covered bike storage available.

To find the best way to get to us, simply visit www.myjourneyhampshire.com

ISLE OF WIGHT TRAVEL

We are able to provide financial assistance to students travelling to study in our Sixth Form from the Isle of Wight. This is looked at on a case-by-case basis once our bursary form has been completed, which students receive upon enrolment.

EMPLOYER PARTNER SPOTLIGHT

Scan for details on all our Employer Partners

The Royal Navy - naval warfare force of the United Kingdom.

"The Royal Navy benefits from partnering with the University Technical College Portsmouth because it helps develop the next generation of skilled scientists, engineers and technicians essential for the region's growth and the Navy's future readiness. This collaboration ensures students gain relevant STEM skills and real-world experience, preparing them to make a difference both locally and beyond."

QinetiQ - a British defence technology company based in Portsmouth.

"QinetiQ have been so impressed with the dedication, the resilience and passion that UTC Portsmouth students display. We enjoy and value the variety of partnering QinetiQ undertake, including T Level work placements in both Engineering and Digital, teaching and career events. By working with UTC Portsmouth, we can support career journies and support students in their readiness for employment."

EATON - a power management company operating worldwide.

"Eaton has proudly collaborated with UTC Portsmouth for over four years, with each year proving increasingly beneficial. This partnership has allowed us to connect with talented students, through supporting projects in the college and careers fairs, some of whom are now valuable members of our team. This relationship not only provides students with exciting career opportunities but also enriches our workforce with fresh perspectives."

Portsmouth Hospitals University NHS Trust - an NHS trust providing healthcare services to Portsmouth and surrounding areas.

"Over the past 5 years, partnering with UTC Portsmouth has allowed us to engage motivated students exploring healthcare careers and support their skill development. NHS staff have enjoyed introducing students to diverse professions and real public and patient health challenges. Seeing students grow through hands-on experience is genuinely rewarding."


CENTRE
CURIOSITY
CREATIVE PROBLEM SOLVING
RESPONSIBILITY
RESILIENCE
TEAMWORK
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