

FLYING HIGH

#GetTheEdge



Our Vision is to:

UNLOCK YOUR INFINITE POTENTIAL TO EXCEL

Our Mission:

'To provide a unique employer-driven education to give our young people the edge in a rapidly evolving digital world.'

#GetTheEdge



"An exceptional quality of education."

"A guiding light in the educational sector."

OFSTED

TURN
OVER TO
SEE YOUR
CAREER
POSSIBILITIES

A SCHOOL THAT MEANS BUSINESS

RDUTC is an Ofsted Outstanding school. The good news is that, because we're a UTC, our catchment area covers the whole of Hull and the East Riding. This means that any student living in the region can gain a place and receive an outstanding education.

Over the next few pages of this prospectus you'll find out more about our school and how we can help you get the edge in your future career. You can join us in Year 10 or 12 from September and work with global employers from day one. Find out more about whether RDUTC is the right choice for you by visiting rondearingutc.com, attending one of our Open Events or calling us on 01482 222299 for a chat or to arrange a visit.

So, what's the difference between RDUTC and other schools or colleges in the area?

We're a school that means 'business'. Working in partnership with the University of Hull and the region's leading employers, RDUTC provides students with an employer-driven academic, technical and applied education that gives them the edge in terms of higher education and employment opportunities and fast-tracks them into exciting and lucrative careers. Approximately 50% of our students progress onto apprenticeships, compared to only 6% nationally. All our students who apply for university are successful.

The reason why our students are in demand is because our curriculum combines study for core GCSEs and A Levels with a range of technical and professional qualifications that employers and universities are crying out for. Our students have the unique opportunity to take the theory they learn and apply it to 'real' projects, designed and delivered by our Employer Partners. This extends both their theoretical understanding and, crucially, enables them to develop their personal, employability and technical skills in a real work environment. No other school or college in the area can offer this.

Our learning environment is equipped with the most advanced digital, creative and engineering technology, matching the very best available in industry. It has been purpose-designed and equipped with the advice of experts from our University and Employer Partners who also provide significant additional funding. This ensures that our facilities and equipment are state-of-the-art and our teaching and technical staff are the best in the business.

If you decide to join us, we'll provide you with a comprehensive transition programme that will enable you to get to know our staff, Employer Partners and your fellow students before you start. Our top priority is ensuring that you are happy and successful at RDUTC and gain the knowledge, skills, qualifications, experience and contacts you need to progress onto a fantastic career and make a valuable contribution to our local, national and global community.

We hope you're as excited by this opportunity as we are and we look forward to helping you #GetTheEdge.



Richard Martin
Non Executive Director,
Arco and Chair of
Governors



Sarah Pashley
Principal

OUR
FOUNDING
PARTNERS

UNIVERSITY
OF HULL

SIEMENS Gamesa
RENEWABLE ENERGY

KCOM

Smith+Nephew

reckitt

SPENCER
British Engineering

TAKE OFF INTO A DIGITAL FUTURE

"The curriculum is superbly designed to ensure pupils develop a readiness to learn new content and skills."

OFSTED



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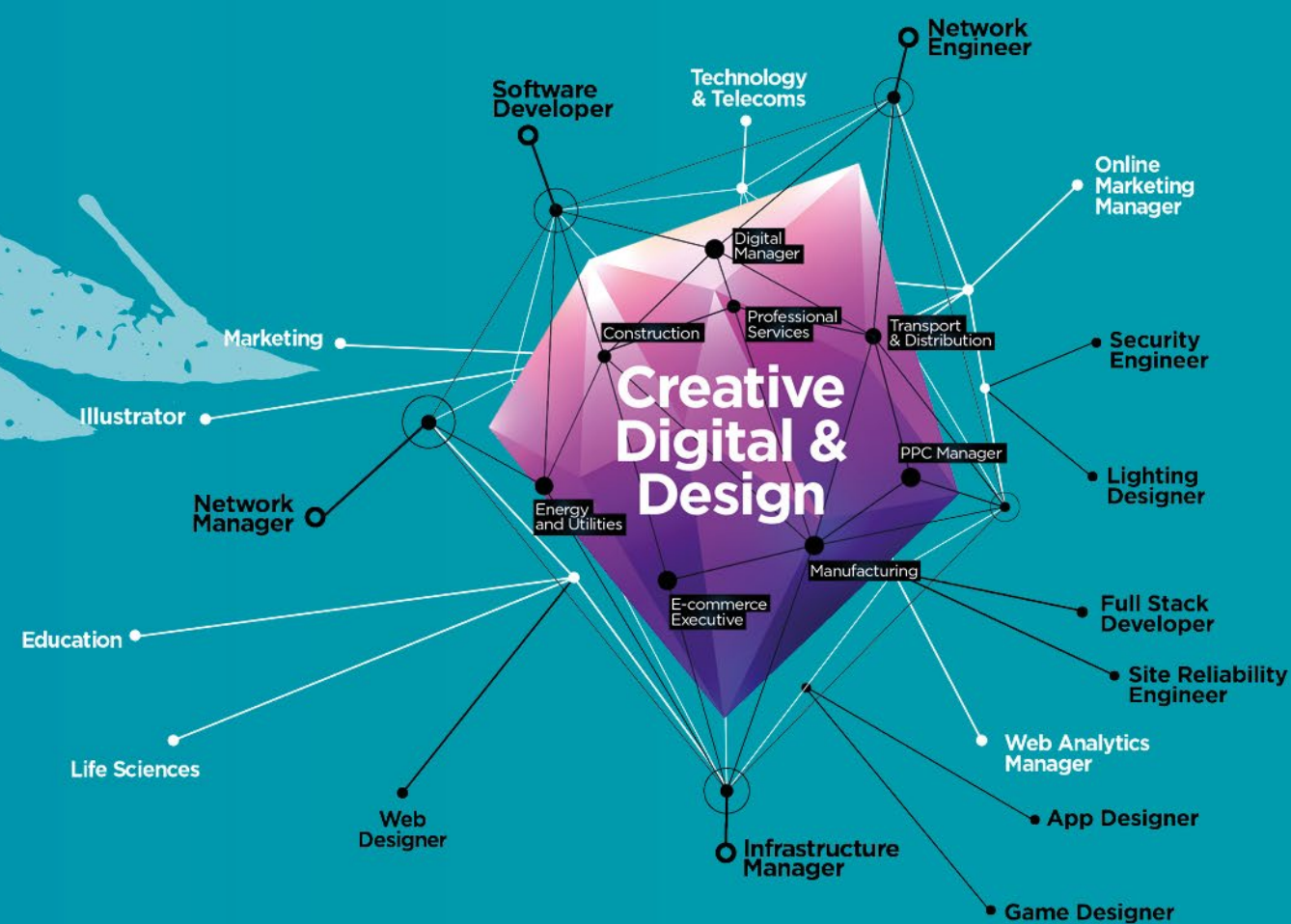
LEAD THE TECH REVOLUTION



Our Engineering, Creative and Digital specialisms have been carefully selected by our Founding Partners because they are growth industries of the future.

Digital Technology is changing the world. It plays an integral part in everything – from the way we work to how businesses operate and how we spend our leisure time. The next big technological innovation is always just around the corner. The rapid pace of change in Digital Technology shows no sign of slowing, ensuring people with relevant digital skills and practical work experience are highly sought after. At RDUTC we offer both Technical Digital courses and Creative Digital courses.

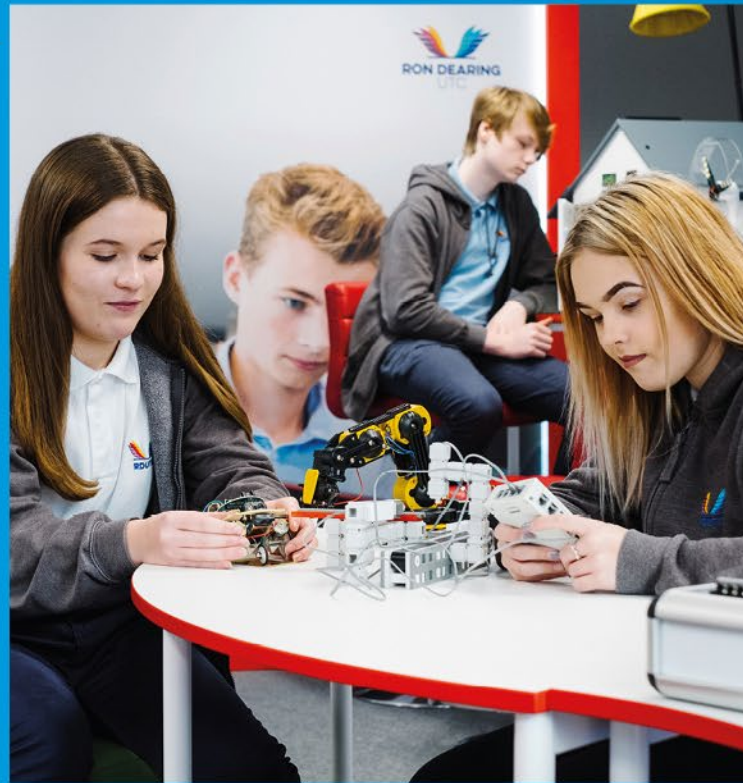
Where will a career
in Digital Technology
take you?



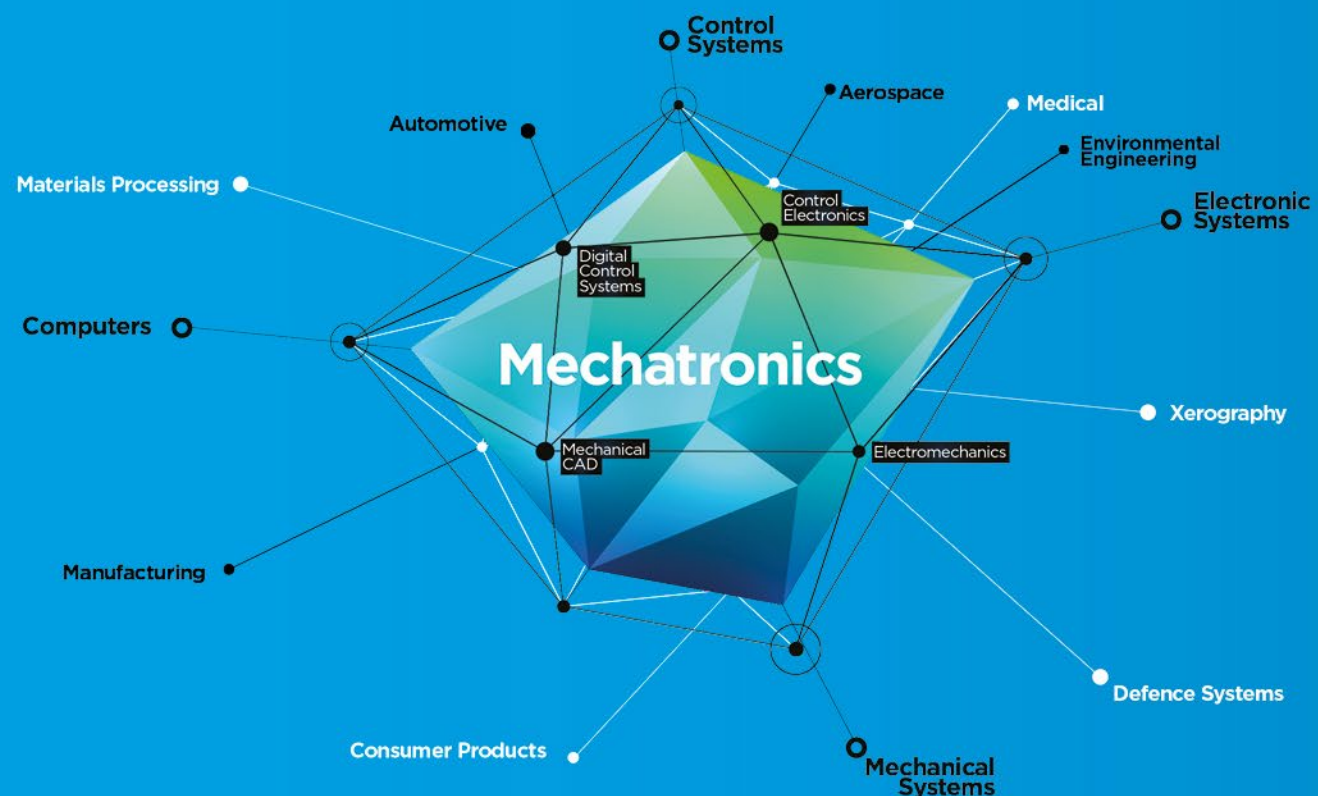
DISCOVER A WORLD OF MECHATRONICS

Mechatronics is an exciting, multi-disciplinary field of engineering that includes a combination of systems, mechanical, electrical, telecommunications, control and computer engineering.

It involves the research, design, implementation and maintenance of intelligent engineered products and processes enabled by the integration of mechanical, electronic, computer and software engineering technologies. Examples of mechatronic systems are antilock braking systems (ABS), robots, digitally controlled combustion engines, machine tools with self-adaptive tools, contact-free magnetic bearings and automated guided vehicles.



Where will a career in Mechatronics take you?



**LEARN TO
SOAR WITH
THE REGION'S
LEADING
EMPLOYERS**

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LAUNCH YOUR CREATIVE CAREER

STEAM STUDIOS

A newly renovated former fire station, this landmark building is a centre for creativity comprising 2D and 3D studios, Mac suites and our own gallery exhibition space. At STEAM Studios, you'll also have the opportunity to work closely with our creative partners and regularly exhibit your work in local galleries, often resulting in sales.

#GetTheEdge

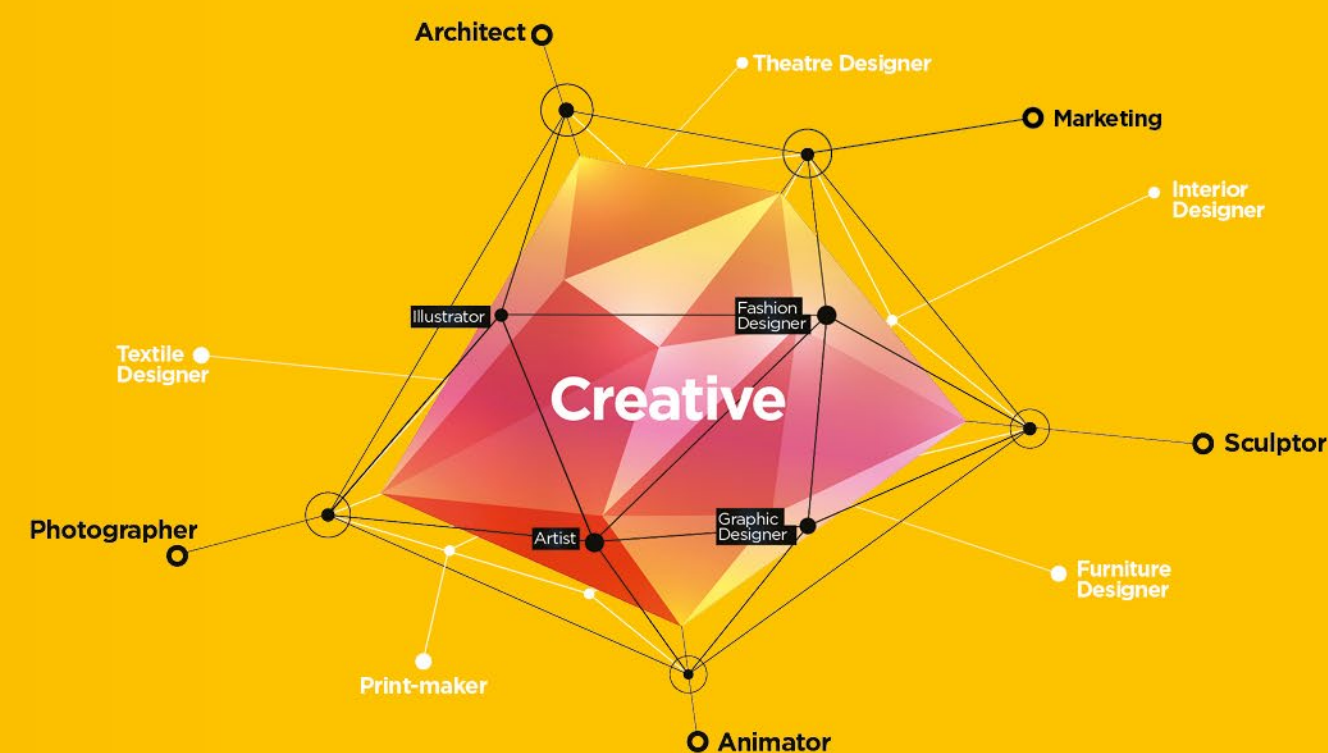


IGNITE YOUR CREATIVITY AT STEAM STUDIOS

Spark your imagination and progress into a rewarding career in the creative industries. At our exciting new £5m facility - STEAM Studios - you'll develop your artistic expression and technical skills using a wide range of 2D, 3D and digital media.



Where will a
career in Creative
take you?



OUR FOUNDING PARTNERS

Our Employer Partners are the bedrock of RDUTC.

Our main Employer Partners – the Founding Partners – are involved with the school at all levels, from leadership and governance to curriculum design and delivery. Other areas include supporting students as Business Mentors, offering work experience and providing additional funding to enable us to purchase industry-standard equipment.

Between them, these partners employ more than 8,000 people locally. They are some of the region's largest and most successful companies and offer industry expertise in the fields of Digital Technology, Creative Digital and Mechatronics.



Our students have a comprehensive careers guidance programme delivered by our Employer Partners with support from an independent Careers Adviser. They are given guaranteed access to the first stage of the selection process for apprenticeships with our Founding Partners once they've successfully completed their studies.

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Smith+Nephew

Global medical technology business

Smith+Nephew, the global medical technology business with major manufacturing and research and development facilities in Hull.

SIEMENS Gamesa

RENEWABLE ENERGY

Green energy pioneers

Siemens Gamesa, the renewable energy giant, which has invested in world-class wind turbine manufacturing, assembly and logistics operations in Hull.

reckitt

Consumer health giant

Reckitt, the world's leading consumer health and hygiene company, who have recently invested £105m in a new global Centre for Scientific Excellence in Hull.

KCOM

Local communications provider

KCOM, a leading Hull-based digital technology, communications and IT services provider.

SPENCER

British Engineering

Specialist engineering business

One of the UK's largest independently owned engineering firms, with its headquarters in Hull.



On successful completion of studies at Ron Dearing UTC, students will be given a conditional offer at the University of Hull.

UNIVERSITY LINKS

We are extremely lucky to have the University of Hull as our Lead Academic Partner.

The University of Hull has substantial experience and expertise in digital technology, science and engineering provision through undergraduate and postgraduate degrees.

Cutting-edge research addresses real-world issues, from advancements in medical engineering to improvements in the wind energy, renewable technology and environment sectors.

Graduates from the University of Hull are amongst the most employable in the UK. Much of this success is due to working closely with industry to ensure the standard of teaching keeps pace with advances in the profession.

94% of graduates are in employment or further study within six months of leaving university, many finding positions with major employers such as Cummins Turbo Technologies, J P Hildreth, Selex ES, Jaguar Land Rover and many more.



ONE OF THE MOST TECHNOLOGICALLY ADVANCED SCHOOLS IN THE COUNTRY

When you're in the business of revolutionising education, you need a revolutionary building.

Our innovative, high-tech campus certainly has the 'wow!' factor. Substantial financial investment from our sponsors has enabled us to significantly up-spec our fixtures, fittings and specialist equipment, making RDUTC one of the most technologically advanced schools in the country.



#GetTheEdge



The design of our learning environment replicates the development processes in industry:

- The third floor focuses on academic learning
- The second floor focuses on art, design and innovation
- The first floor focuses on prototyping, production and manufacturing

Our state-of-the-art facilities include:

- **STEAM Studios.** This amazing centre for creativity is situated in the newly-renovated former fire station next door to the main building. It comprises: a gallery exhibition space; a 3D studio with kiln; three 2D studios; print-making facilities; a Mac suite; and two Sixth Form Independent Study Spaces.
- The **Smith & Nephew Conference Centre and Ørsted Exhibition Centre** which can accommodate over 300 delegates and are equipped with conference-ready audio visual facilities. As well as being used for school-based events and activities, the conference centre and exhibition centre are leading locations for business gatherings and networking events.
- **Arco, KCOM and Siemens Gamesa Digital Labs.** These digital learning spaces are equipped with high-grade workstation computers with Computer-Aided Design, 3D and Virtual Reality software, as well as virtualisation technology and 3D printers for students to create product prototypes. All three spaces have 75-inch interactive screens for display to large groups. The Siemens Gamesa lab is also equipped with the company's industry-leading design software.
- A **£360,000 Virtual Reality Suite**, sponsored by Greenport Hull. The VR Suite comprises a range of kit including: a large High Resolution ActiveWall solution and tracking system able to present 3D to audiences of 30; a range of Peripheral VR Devices (HMD, Active desk); a VR Welding Trainer and VR Software to convert CAD models.

- The **Spencer Group Innovation Zone.** This zone is created around the concept of a design office where projects and ideas come to life. They feature 30 hot-desk working areas within a large central area for independent study, as well as five glass-walled breakout rooms for project-based learning, each with a 55-inch interactive screen.
- **The Reckitt Innovation Labs.** These industry standard laboratories are equipped with high tech equipment to enable students to develop their knowledge and skills across all three science disciplines.
- Two **business-standard Boardrooms**, where staff and students hold business meetings and give presentations.
- The **Ørsted Co-working Zone**, where Sixth Form students engage in research, independent study and reading groups and meet their Business Mentors.
- Three **high-spec Mechatronics Workshops** and two industry-standard **Engineering Workshops**.

A number of our facilities are available for hire – please visit rondearingutc.com.

“When walking around the superb facilities and observing the interactions between staff and pupils, one could be excused for forgetting that you are in a school at all.”

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GET YOUR CAREER OFF TO A FLYING START



#GetTheEdge

LEARN IN THE REAL WORLD

By coming to study at RDUTC, students have the opportunity to learn in a business environment and be treated like young professionals.

In order to fit in all our enrichment activities, project work and professional qualifications, RDUTC operates a 'working week'. This is longer than a traditional school day, but most work is done within this time, which means there's no homework.

We have a unique curriculum, developed in partnership with our Founding and Major Partners. It includes an exciting range of academic and technical qualifications and also professional qualifications. A key aspect is the requirement for

students to apply theoretical knowledge to 'real' projects developed and delivered by our Employer Partners. For further details about our projects, visit rondearingutc.com.

Our students receive top class academic mentoring from our teaching team and academics from the University of Hull to ensure they excel academically. In addition, they have access to invaluable business mentoring from our Employer Partners. This gives them a sound understanding of the many exciting career opportunities that exist and provides the professional support and guidance they need to be successful in their chosen careers.



Careers, Information, Advice and Guidance programme (CIAG)

Our CIAG programme is like no other. Our special partnerships with local employers mean that we can provide all our students with access to high-quality CIAG so that they can make successful and informed decisions about their post-16 and 18 education pathways and careers. Our students also have advice and support from an independent Careers Adviser. Our Employer Partners and the University of Hull support our CIAG programme by enabling our students to:

- Participate in 'real' projects set by the employers/university
- Visit/tour their businesses to see how they operate
- Carry out research projects to find out what their business does/discover key roles within it
- Attend work experience placements
- Participate in internships
- Develop their personal brand and learn how to promote themselves

"The school has considerable links to industry and business... Pupils develop a wide range of employability skills so they are ready to enter the world of work."

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See our 'Student Destinations' insert at the back of this prospectus to find out about the exciting careers our graduates have moved on to.

IS RDUTC RIGHT FOR YOU?

RDUTC students have the unique opportunity to work closely with the region's leading employers, including KCOM, Reckitt, Siemens Gamesa, Smith + Nephew and Spencer Group. This kind of opportunity simply isn't available at any other school or college in the area.

We are the right place for you if:

- You are mature, focused and ready for an adult-style educational experience which mirrors the business sector: high standards of behaviour; 40-hour working week; first-name terms with staff
- You enjoy maths, science, computing, engineering, art & design, being creative, problem-solving
- You have an interest in and passion for one or more of our specialisms:
 - Technical Digital including ICT, software development, coding, cyber security
 - Creative Digital, Art and Design, including web design, app design, iMedia, drawing, painting, print-making, ceramics, photography, and designing in Adobe Photoshop and Illustrator
 - Biology, Chemistry, Physics and Healthcare
 - Engineering, including Mechatronic Engineering, Engineering Design, Systems Control Engineering, Manufacture Engineering
 - Maths, Accounting and Finance
- You want valuable work experience opportunities which teach you about the business sector – from the factory floor to the boardroom – and allow you to make contacts with leading professionals within the region's most successful businesses
- You want to learn from and be mentored by skilled and experienced industry professionals, as well as highly qualified teachers
- You want to learn in a state-of-the-art, industry-standard learning environment
- You want to give yourself an edge in terms of applications for university, apprenticeships and employment



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REACH NEW HEIGHTS WITH RON DEARING UTC

#GetTheEdge



SPREAD YOUR WINGS

Our aim is to ensure that all our students have an exciting personal development programme that enables them to acquire the following six key personal and employability skills which have been prioritised by our Employer Partners:

1. Drive to Excel
2. Personal Growth
3. Enterprising Spirit
4. Impact and Influence

Our personal and employability skills development curriculum includes:

- Generic Employability Skills Projects led by our Employer Partners
- Our Cultural Capital programme
- Our Sports and Well-being programme
- Driving lessons
- First Aid at Work qualification
- Music lessons

Extra-curricular clubs including:

- BAFTA Young Game Designer Club
- Arts Council
- Junk Couture Club
- Ceramics Club
- Japanese Club
- F1 in Schools
- Raspberry Pi Coding Club
- Engineering Clubs
- Microsoft Office Specialist Club
- The Gym@Fit24
- Retro Gaming Club
- Dungeons & Dragons
- Catering Club
- Photography Club
- Trips and visits (CERN; London; museums; art exhibitions; theatre visits etc.)

Professional qualifications

In addition to our academic and technical qualifications, our students have the opportunity to work towards professional qualifications that will set them apart from the crowd.

These include:

- Driving Licence
- Microsoft Office Specialist (MOS)
- Microsoft Technical Associate (MTA)
- Cisco IT Essentials
- Adobe Photoshop
- Adobe Illustrator
- AutoCAD certified professional
- Autodesk Inventor
- AutoCAD Revit Architecture
- Autodesk MAYA
- AutoCAD Civil3D
- First Aid qualification



CARE, GUIDANCE AND SUPPORT

Whilst academic, creative and technical excellence are a top priority, RDUTC also provides high standards of care, guidance and support. We believe that every student deserves the best possible level of academic and emotional support, tailored to their needs.

Our large support team includes a Vice Principal, Head of KS4, two Heads of Sixth Form, a UCAS Mentor, Safeguarding Co-ordinator, SENCo and a team of Information, Advice and Guidance Mentors, as well as representatives from a range of external support agencies. These staff are always on hand to help answer and respond to any queries or concerns that students or their parents/carers may have.

An added advantage of being a student at RDUTC is that all our Employer Partners provide industry-based Business Mentors who work with students to support their employability skills, development and advise them about careers.

Our Business Mentors work alongside our highly skilled and experienced Teaching Team to support our students to set both academic and employability skills targets and aspirations for their future. They provide information, advice and guidance from a business perspective about how best to achieve these, monitor their progress and celebrate their success.

"Pupils' behaviour is exemplary... Pupils say staff really care about them and that they feel safe. Relationships between pupils and staff are extremely positive."

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How to Apply

Get the edge by becoming a student at RDUTC, a school that really does mean 'business'. Complete an application form at rondearingutc.com/apply

#GetTheEdge



...DEVELOP THE
SKILLS AND
EXPERIENCE YOU
NEED TO START
A CAREER IN
ONE OF THESE
PROFESSIONS

MEDICAL CONSULTANT

Average salary up to £128K

ACCOUNTANT

Average salary up to £85K

AEROSPACE ENGINEER

Average salary up to £60k

NUCLEAR PHYSICIST

Average salary up to £100K

APP DEVELOPER

Average salary up to £50k

GAMES DEVELOPER

Average salary up to £70k

ARCHITECT

Average salary up to £70K

INFORMATION SECURITY MANAGER

Average salary up to £100k

ENVIRONMENTAL CHEMIST

Average salary up to £43K

STRUCTURAL ENGINEER

Average salary up to £70k

ASTROPHYSICIST

Average salary up to £50K

GRAPHIC DESIGNER

Average salary up to £50K

INTERIOR DESIGNER

Average salary up to £50K

JUNIOR DOCTOR

Average salary up to £60K

BIOMEDICAL ENGINEER

Average salary up to £45k

MEDICAL RESEARCH SCIENTIST

Average salary up to £62K

ENVIRONMENTAL ENGINEER

Average salary up to £52K

AUTOMOTIVE ENGINEER

Average salary up to £45K

ILLUSTRATOR

Average salary up to £45K

WEB DESIGNER

Average salary up to £40K

CHEMICAL ENGINEER

Average salary up to £54K

ENERGY ENGINEER

Average salary up to £62K

THEATRE DESIGNER

Average salary up to £40K

SOFTWARE DEVELOPER

Average salary up to £120K

ACTUARY

Average salary up to £110K

ECONOMIST

Average salary up to £75K

FASHION DESIGNER

Average salary up to £45k

MICROBIOLOGIST

Average salary up to £108K

GENERAL PRACTITIONER

Average salary up to £94K



*“Pupils are fortunate to
receive an exceptional quality
of education.”*

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