

TECHNICAL. SKILLS. WORK.

**South Yorkshire
Institute of
Technology**

**Technical Training
and Qualifications**



SOUTH YORKSHIRE

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Information for Employers

syiot.ac.uk



SOUTH YORKSHIRE INSTITUTE OF TECHNOLOGY

The South Yorkshire Institute of Technology (SYIoT) went live in September 2023. Backed by over £21 million in funding from the Department for Education and partners, the establishment of SYIoT in South Yorkshire marks a significant milestone for the region, kite-marking the high-quality, higher-level technical education and training provision in the region. One of only twenty-one IoTs nationally, this is a major investment and recognition of the region's higher education providers.

The education partners are Barnsley College, DN Colleges Group, RNN Group, Sheffield Hallam University, The Sheffield College, and The Sheffield University AMRC Training

Centre. With the pace of change and emerging and changing technologies, the investment in South Yorkshire ensures that education providers have access to facilities and equipment that can support them in preparing and developing individuals with skills that meet employer's needs.

IoT's are partnerships of employers and education providers. SYIoT is supported by core employers of HLM Architects, AESSEAL Plc, and Pendo. SYIoT already works with over 5000 employers in the region, but a key focus is extending the reach, particularly to small and medium-sized businesses.

For information about the wider IoT Network:
www.institutesoftechnology.org.uk

PARTNERING WITH SYIOT

As an employer, it is important that we can work with you to ensure the training and development we offer meets your needs.

Our employer engagement and business development teams can work with employers to:

- Understand your business
- Help you identify your training needs
- Provide options for training and education to meet your needs
- Advise you about any potential funding available
- Advise you on any costs you may need to pay
- Discuss how the learning and development can be delivered
- Access technical support from teaching staff
- Consider how we can measure the impact of the training and education



Funding support for learning and development can change during the year. Don't worry about understanding the funding rules; our staff are here to support you, and they will advise you if any funding is available.

HOW TO GET INVOLVED:

Where possible, we work with employers to develop a partnership approach. As well as providing education and training, there can be other opportunities for collaboration to benefit both the employer and our provision.

This could include:

Visit an SYIoT site

Take a tour of our facilities; experiencing for yourself our state-of-the-art facilities and innovative learning environment that you and your staff can benefit from.

Training Needs Analysis

Ask for support to identify your training and development needs. From this, our education partners can help identify the programmes and funding that may help your business invest in the skills base of your teams.

Host a student visit

Raise your profile among future potential employees and inspire interest in the kinds of job roles your organisation has available by hosting a visit by students.

Offer work experience placements

Discover new talent, gain exposure to fresh thinking, and help expand the skills and experience of our students through tailored placements.

Advertise apprenticeship vacancies

Secure the best new talent by promoting your apprenticeship opportunities across South Yorkshire Institute of Technology partners.

Promote employment opportunities

Access a rich pool of talent by sharing your job vacancies with students looking for a new opportunity.

Deliver industry talks and masterclasses

Help inspire the next generation of young people as well as adults already working in STEM by volunteering as an industry speaker.





Set live projects

Get fresh insight into live issues that your business is facing by setting projects for our students to explore. This helps develop students' practical skills and knowledge, as well as delivering direct benefits to your business.

Design programmes

Work in collaboration with us to co-design and develop courses that help to fulfil the needs of your business and other employers in the local area.

Become a sponsor

Raise your profile regionally among potential employees and partners by becoming an event or competition sponsor.

Attend Career Fairs

Raise awareness of your organisation among potential future employees and inspire interest in the work of your organisation by speaking or taking a stand at a careers fair or event.

Deliver career talks

Help build the pipeline of talent in specific roles within your industry by giving career talks to our students; both young people and adults looking to embark on a new career, and among more experienced adults looking to re-enter the workplace, progress, or retrain.

Teach, Train, and Coach

Education providers constantly need industry personnel to teach, support, coach, and/or mentor learners. Whether on a paid or voluntary basis, help ensure students in our region develop the skills, knowledge and behaviours employers need by being part of the solution.

Consider Employment Options

Staff due for retirement might be interested in considering going into teaching – full-time, part-time or on a casual basis. Or maybe you need to employ part-time technical staff and they could work in education part-time as well. Contact us to discuss potential options.



CURRICULUM OFFER

SYIoT provides high-quality training and qualifications in engineering and manufacturing, construction, digital, healthcare sciences, science, and media.

HTQs offered at the RNN Group

- HNC (Level 4) in Digital Technologies (Cyber Security Technologist) HTQ
- Diploma Data Analyst HTQ
- HNC (Level 4) in Site Supervision HTQ (Pending Validation)
- HNC/HND (Level 4/5) in Engineering HTQ
- HNC (Level 4) Health Science Professional HTQ

Other SYIoT courses offered at the RNN Group

- FdA in Games Design
- HNC in Electrical and Electronic Engineering
- HNC in Mechanical Engineering
- Foundation Degree in Professional Practice in Health and Social Care
- Assistant Practitioner
- Leader in Adult Care

Qualifications and courses are designed and delivered with local and national employers. This gives students of all ages and backgrounds, the practical skills and technical knowledge they need to stand out in the job market and provides employers with the reassurance that the training their staff receive can be applied to their business.

Specialising in Higher Technical Qualifications (HTQs), professional training and higher apprenticeships, the investment in facilities and cutting-edge equipment is focused on widening opportunities in higher education. The courses and qualifications on offer, including

bite-size programmes, ensure that individuals should be able to access higher education to enable them to enter or re-enter employment, or upskill to support their progression within employment.

SYIoT offers flexible and affordable qualifications to adults of all ages, and in 2025 the costs of programmes may be supported by the new Lifelong Learning Entitlement as well as current funding streams. For employers, alongside funding support for apprenticeships, education partners can advise on any other funding available, including the Skills Bank.

OUR QUALIFICATIONS

Education providers offer a range of qualifications and courses. It can be confusing to understand the titles and levels and what they mean. Ask the professionals; we can help identify what you need.

Costs and funding support are also confusing. Sometimes we may have access to short term funding, or we may need to charge a fee. Again, ask us about the programmes, and we can let you know if there is a cost and options for payment. For example, an apprenticeship is free to a learner, but as an employer it may be free or you may have to pay a small

percentage, depending on circumstances.

The Institute for Apprenticeships and Technical Education (IFATE) works with employers and education providers to approve qualifications and map them against occupations - job roles – that describe the knowledge, skills and behaviours that the occupation is recognised to need. Their website provides the details of occupations identified and the qualifications, including apprenticeships, mapped to date against them:

**occupational-maps.
instituteforapprenticeships.org**

Levels

8	Doctorate					
7	Masters					
6	Undergraduate Degree			Higher Apprenticeships	Degree Apprenticeships	Training provider certificated short courses/ non-accredited training (not qualifications but set at an educational level relevant to the topic/s)
5		Foundation Degree	Higher National Diploma (HND)*			
4		Foundation Award	Higher National Certificate (HNC)*			
3	A Level	Diploma, Advanced Diploma	New versions are higher technical qualifications	Advanced Apprenticeships		
2	GCSE			Intermediate Apprenticeships		



Higher Technical Qualifications (HTQs)

HTQs are new/ revised level 4 and 5 qualifications, including Foundation Degrees, Higher National Certificates and Higher National Diplomas. They are an option for young people progressing to higher education before starting their career and for adults looking to upskill, progress, or retrain. HTQs have been approved against occupational standards (job roles) developed by employers. This ensures that learners gain the skills and behaviours that employers want, as well as the knowledge. The qualifications are usually between 1 and 2 years full-time, or providers may offer part-time, distance learning, online, and other options.

<https://www.instituteforapprenticeships.org/qualifications/higher-technical-qualifications/introduction-to-higher-technical-qualifications-and-scope-of-approval/>

Institute for Apprenticeships and Technical Education (IfATE)

IfATE was created in 2017 as an arm's length body of the Department for Education (DfE). Thousands of employers work with them to create and maintain over 600 occupational standards – recognised job roles. These sit at the heart of the English skills system. By working with IfATE, employers can help shape apprenticeships, T Levels and higher technical qualifications. This helps to keep them up-to-date and relevant. One way to see the skills system as a whole is to visit their occupational maps, which show how everything fits together. The website includes:

Occupational standards

<https://www.instituteforapprenticeships.org/occupational-maps/>

Apprenticeships

<https://www.instituteforapprenticeships.org/apprenticeship-standards/>

HTQs

<https://www.instituteforapprenticeships.org/qualifications/finder/>

T-Levels

<https://www.instituteforapprenticeships.org/qualifications/finder/>

OTHER TRAINING

Need a short course? Not worried whether it is a qualification or not?
Need a group of people training? Just want a course for yourself or one person? Need a course tailored to your business or learners needs?

Not everyone needs a full qualification. Sometimes they need something very specific to upskill or reskill for their job role. We can offer:

- **Units/modules of qualifications** – a learner would achieve accreditation through the awarding body.
- **Bespoke training** – an employer needs a training course designed, developed, and delivered for their own employees. A provider would certificate the course, proving attendance.
- **Open courses** – we offer short courses once or regularly during the year. Employers and individuals can book places on the course. We may introduce new courses regularly during the year in response to demand. We would certificate the course, proving attendance.

As training providers, we offer a range of programmes, at different levels and with different delivery methods. Training could be classroom based, online, distance learning, coaching or mentoring, or a blend of learning methods.

SYIoT focus is on ensuring that learners develop the technical skills and knowledge that will benefit them and their employer.



QUALIFICATIONS AND TRAINING

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UCR University
Centre
Rotherham

RNN
GROUP



SOUTH YORKSHIRE

I N S T I T U T E O F
T E C H N O L O G Y



OUR INDUSTRY & ACADEMIC PARTNERS



DN COLLEGES GROUP



University Centre Rotherham (UCR), Doncaster Gate, Rotherham, S65 1DA

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#syiot #institutesoftechnology #STEM

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