HEY.
Digital
Skills

Prospectus
2023

HEY Hull and East Yorkshire Local Enterprise Partnership

Humber HEY Skills Partnership

Skills, Innovation and Sustainability

DIGITAL SKILLS PARTNERSHIP *HUMBER*

Welcome to the digital prospectus for Hull and East Yorkshire. Digital skills are where innovation meets opportunity and the possibilities are limitless.

Whether you're an aspiring entrepreneur, a curious learner, or a forward-thinking organisation, this prospectus will unveil a world of exciting possibilities, empowering you to unlock your potential and seize the opportunities that await in Hull and East Yorkshire.

Investing in digital and creative education and training provision can provide numerous benefits for businesses. By gaining better digital skills, individuals and businesses can stay ahead of the competition and develop new products and services. Offering professional development opportunities can also attract top talent, increase adaptability to new technologies and trends and foster collaboration and teamwork.

In this prospectus, you will find information about the course areas and education and training providers and the many opportunities available to both individuals and businesses.

HEY
Hull and
East Yorkshire
Local Enterprise
Partnership

Humber HEY
Skills Partnership

Skills, Innovation and Sustainability

DIGITAL SKILLS PARTNERSHIP
HUMBER

Contents

A digital future for Hull and East Yorkshire

Hull and East Yorkshire have ambitious aims for the digital and creative sector, seeking to utilise their existing assets and promote growth to maximize their economic impact. Over the past decade, the region's digital sector has flourished, gaining national recognition and seeing exciting innovation collaborations.

Education and training providers in Hull and East Yorkshire are actively embracing the transition to a digital future. They are innovating and leveraging digital assets to enhance skill development, ensuring that workers are equipped to meet the demands of the evolving digital landscape. This commitment is an important foundation for economic growth in the region.

Why are Digital Skills important?

As technology continues to evolve, digital skills will only become more important in both personal and work settings:

Increased Efficiency - Digital skills can help people and businesses streamline processes and improve overall efficiency. By using digital tools and platforms, tasks that once took hours can now be completed in a matter of minutes, allowing people to focus on more important work.

Career Advancement - In today's digital age, many jobs require some level of digital skills. People who have these skills are more likely to be hired, promoted, or given new opportunities for career growth.

Better Communication - Digital skills can help people communicate more effectively with others, whether it is through email, social media, video conferencing, or other digital platforms. This can lead to improved collaboration, stronger relationships and better outcomes.

Increased Access - Digital skills can help people access new opportunities, resources and services. Recognising that, in today's world, many opportunities are only accessible via digital means, whether booking a doctor's appointment or learning on-line, applying for jobs or catching up with friends via Zoom. The use of digital will only increase and therefore developing peoples skills and confidence is essential.

Innovation - Digital skills can help businesses innovate and stay ahead of the competition. By adopting new digital tools and platforms, businesses can develop new products and services, reach new customers and improve overall efficiency.

Developing Core Digital Skills

There are many courses and qualifications available in Hull and East Yorkshire which can help your workforce improve their digital skills.

Developing core computing skills is important for:

- **Adapting to Technological Advancements -** Technology is evolving rapidly and staying updated is crucial. By acquiring core computing skills, employees will be able to adapt to new technologies and leverage them to improve business outputs.

- **Improving Productivity -** Understanding computing concepts and tools can enhance business productivity. Whether it's managing data, creating presentations, or automating repetitive tasks, having core computing skills will streamline workflows and save valuable time.

- **Fostering Digital Literacy -** In an increasingly digital world, being digitally literate is essential for effective communication, critical thinking and problem-solving. Focusing upon building digital literacy alongside core computing skills, empowers employees to navigate the digital landscape confidently.

Local education, learning and skills providers have a range of courses to support businesses and individuals looking to upskill.

Programming, Coding and Applications

Case Study: Digital transformation: Arco

In today's digital world, programming and coding skills have become essential for gaining a competitive edge. Proficiency in programming, coding and advanced application usage including popular languages like Python, Java and C++, as well as advanced Excel and Microsoft skills, are welcome attributes for personal and professional success.

Local education, learning and skills providers in Hull and East Yorkshire offer courses for individuals at all skill levels. Through hands-on projects, real-world examples and expert guidance, individuals can develop a strong programming foundation and sharpen coding abilities in Python, Java, C++ and more.

Additionally, specialised training in advanced Excel and Microsoft skills will empower staff to analyse complex data, automate processes and unlock the full potential of spreadsheets. These skills enable streamlined workflows and confident data-driven decision-making, contributing to professional excellence.

Local education, learning and skills providers across Hull and East Yorkshire can support workers on a learning journey in programming and advanced application expertise. It will open a world of opportunities and equip individuals with technical prowess and versatility, to adapt to the evolving technological landscape.

Digital skills boosting efficiency

Arco Ltd, the UK's leading safety company, is on an ongoing digital transformation journey. Partnering with local education and training partners Arco have been recruiting and upskilling staff to focus on workstreams around:

- Cloud based working

- Data engineering

- Data science

- Automation of processes and working practices.

The ongoing digital transformation at Arco was accelerated by the COVID-19 pandemic, which forced many companies to quickly adopt remote working practices and rely more heavily on digital tools and technologies.

Arco is actively embracing this digital transformation and seizing new opportunities that arise from it. They recognise the importance of having a skilled workforce and are taking steps to upskill their employees and attract talented individuals.

To achieve this, Arco has been collaborating with local education and training providers. They are partnering with these institutions to provide additional training and education to their existing workers, helping them acquire new skills relevant to the digital landscape.

Furthermore, Arco is also actively recruiting apprentices and graduates who possess a strong aptitude for IT infrastructure, data analysis and improving efficiency. These bright and motivated individuals are expected to play a crucial role in supporting and enhancing Arco's IT infrastructure, focusing on data-driven decision-making and driving efficiency throughout the organisation.

By tapping into local education and training providers and investing in skilled talent acquisition, Arco is positioning itself to successfully navigate the digital transformation.

Web and Creative Digital Design

Web and creative digital design is where imagination meets technology. In today's visually driven world, the demand for skilled web developers and digital designers is soaring.

Web and creative digital design is an exciting and rapidly evolving field that merges artistic vision with technological expertise. Creative and technical skills are needed to excel in the dynamic field of digital design. Whether your company needs web designers, UI/UX specialists or graphic designers, local education, learning and skills providers in Hull and East Yorkshire are tailored to support your aspirations.

Case Study:
Humber HEY Skills Partnership investing in cutting edge digital tools

Humber HEY Skills Partnership

Skills, Innovation and Sustainability

Virtual learning environments and new ways of learning

Local education, learning and skills providers Hull and East Yorkshire chose to join together to invest their SDF Funding in new immersive learning content for their students.

This new immersive learning content can be experienced via virtual environments and virtual reality, making it accessible for students through headsets, laptops or tablets. Metaverse Learning's Extended Reality (ER) including Virtual Reality (VR), Virtual Environments (VE) and Augmented Reality (AR) will be used across a range of hot topics including Electric Vehicle Charge Point Installation and Renewable Energy.

Investing in immersive learning means that students can learn in a safe, online environment where they can make mistakes without consequences, apply their knowledge and hone their skills, making them better prepared for the workplace environment.

By working in collaboration with Metaverse Learning, the colleges and The Yorkshire and Humber Institute of Technology have developed a solution that will see this new immersive learning content embedded into the curriculum and enhancing the learner experience.

Data Science and Analytics

Digital for Industrial Design and Engineering

In today's rapidly evolving technological landscape, digital proficiency has become a prerequisite for success in the fields of industrial design and engineering.

The integration of advanced technologies into industrial processes and the transformation of the manufacturing and production landscape is utilising a wide range of technologies such as artificial intelligence, Internet of Things (IoT), big data analytics, robotics, automation, cloud computing and augmented reality. These technologies enable enhanced connectivity, data-driven decision-making, automation and increased efficiency in various industries.

Technological advancements can fundamentally change how businesses operate. Similarly, the integration of automation, robotics and data analytics leads to enhanced operational efficiency and productivity gains. To leverage the benefits of advanced technologies, employers need to ensure their workforce possesses the necessary skills and knowledge to understand, operate and optimise these technologies effectively.

Leveraging data-driven insights, automation and smart manufacturing techniques to develop new products, improve existing processes and gaining a competitive edge in the market is important. A skilled workforce can navigate digital transformations and quickly learn new tools and technologies, ensuring business continuity and growth.

Local education, learning and skills providers in Hull and East Yorkshire have a series of courses which can help individuals learn the skills to navigate complex systems, analyse process data and develop innovative automated solutions.

The world of computer science is where endless possibilities converge with cutting-edge innovation. In this dynamic field, local education, learning and skills providers in Hull and East Yorkshire are at the forefront of reshaping industries, advancing technology and propelling society into the digital age.

Digital and Computing Science courses offer exciting opportunities to learners. Adopting digital technologies and utilising computing science can be transformative to individuals and their work. Companies like Amazon and Netflix leverage computer science techniques to analyse user preferences, browsing history and demographic information. By utilising these algorithms, they can provide tailored product recommendations and personalised content to customers, enhancing the

overall user experience and increasing customer satisfaction. This application of computer science not only improves customer engagement and retention but also drives sales and revenue growth.

Local providers embrace the spirit of exploration and collaboration that defines computer science. Working in partnership with employers, providers across Hull and East Yorkshire provide introductions and skills to prosper in the intricate world of algorithms, software development and cutting edge technologies

In the world of computer science, change is the only constant. Learning with providers in Hull and East Yorkshire allows workers to uncover the power of digital transformation, acquire the foundation of computing science, explore Artificial Intelligence (AI) and Machine Learning (ML), dive into data science and analytics and stay ahead of the curve with emerging technologies.

Digital Technology and Security

Case Study:
A digital future: Manterra

Manterra Limited

Manterra Ltd is an East Yorkshire-based company with a global presence. The firm has collaborated with local education providers to revolutionise precision agriculture systems and provide applied digital courses for agribusiness.

Through the utilisation of Global Positioning Systems (GPS) and electronic sensors, inputs are precisely tailored to meet the specific requirements of each crop. The introduction of robotics holds tremendous potential for further optimising field operations and reducing soil degradation.

As a result of the collaboration, learners get to work with state-of-the-art XAG robots, enhancing their digital skills and exposing them to the forefront of agricultural innovation. The collaboration also enables the learners to leverage digital technologies for increased efficiency, sustainable practices and improved productivity.

Local education, learning and skills providers in Hull and East Yorkshire offer several digital technology and security courses to meet the growing demand for professionals skilled in securing and managing digital systems. These courses are designed to equip learners with the knowledge and skills needed to navigate the rapidly evolving landscape of digital technology and protect sensitive information from cyber threats.

These courses cover a wide range of topics, including digital forensics, cybersecurity management, information systems security and network security. Learners can find out about the latest security protocols, tools and techniques used to safeguard digital assets, mitigate risks and respond to security incidents.

Learners can also expect to develop critical thinking, problem-solving and analytical skills, which are essential in identifying vulnerabilities, formulating effective security strategies and implementing preventive measures.

Skills in digital technology and security can provide individuals and businesses with the necessary expertise to safeguard digital systems and contribute to the ever-growing field of cybersecurity.

Business Support

A range of business and funding support is available to businesses across Hull and East Yorkshire. This includes:

Made Smarter - Made Smarter is a national movement to drive growth amongst UK manufacturers and advance the UK economy. Backed by world-renowned businesses and the UK government, it will improve the development and adoption of emerging technologies. There is a range of support available including:

- Impartial advice and guidance from digital technology specialists

- A bespoke digital transformation roadmap for your business

- Advice on how to ensure your people, culture and organisation are ready for digital transformation

- Match funded grants of up to £20K for the purchase of hardware and software

- Digital leadership development programme

- A fully funded digital intern to help with your technology strategy or implementation.

Find out more here: www.madesmarter.uk/ adoption/in-my-region/yorkshire-the-humber/

Growth Hub – The Hull and East Yorkshire Growth Hub supports businesses across the region. The HEY LEP's Business Growth Hub can signpost businesses to the most appropriate business support through our website and a network of advisers based with partners across Hull and East Yorkshire.

Find out more here:www.heylep.com/business/ growth-hub/

Invest East Yorkshire – East Riding Council – The highly experienced and knowledgeable team of advisers understand how complex business can be. Support is directly tailored to your business needs. In addition to the direct support, there are a plethora of workshops and events designed to support your business.

Find out more here: www.investeastyorkshire. co.uk/

The Enterprise Support Team, Hull City Council – The Enterprise Support Team provides a point of contact for anyone seeking business support. The team offers business support and advice on sources of assistance including grants, raising finance, starting and expanding a business, workshop programmes and tailored business advice.

Find out more here: www.hull.gov.uk/business/ business-advice/support-and-resources

C4Di – C4DI is a technology business incubation space that helps tech companies grow and traditional businesses innovate. C4DI aims to help tech startups grow and big businesses innovate by using technology more efficiently. Digital skills are supported in a range of ways.

Find out more here: www.c4di.co.uk/

Business support from the University of Hull – The University of Hull is a leading university with a track record of supporting the growth and innovation of businesses and the regional economy, working with businesses across all sectors and sizes. The University's research-active staff will help to develop ideas, grow businesses and connect with like-minded organisations and research experts.

Find out more here: www.hull.ac.uk/work-with-us/ business/supporting-growth-and-innovation

Residents and businesses in Hull and East Yorkshire have access to valuable web content resources such as:

Skills Hull and East Yorkshire – Skills Hull and East Yorkshire Website provides information about the local labour market and emerging job opportunities.

Find out more here: www.skillshullandeastyorkshire.co.uk/

Humber Local Digital Skills Partnership – The Humber Local Digital Skills Partnership is a cross-sector collaboration, initiated by the HEY LEP to tackle local digital skills gaps. It brings key regional stakeholders together to design, develop and deliver innovative digital skills programmes that advance digital inclusion and upskill the current workforce.

Find out more here: www.heylep.com/our-priorities/employment-skills/humber-digital-skills-partnership/

In addition to specific support programmes, wider resources include:

Good Things Foundation – Good Things Foundation is a charity based with an objective of making the benefits of digital technology more accessible.

Find out more here: www.goodthingsfoundation.org/

National Careers Service – Introductions and further support around digital skills to help in life and careers.

Find out more here: https://nationalcareers. service.gov.uk/careers-advice/build-foundation-digital-skills-to-help-your-career

East Riding of Yorkshire Council Learning, Skills and Workforce Development – East Riding of Yorkshire Council Learning, Skills and Workforce Development offers a diverse range of training programs designed to meet the needs of individuals, businesses and organisations. Their training provision covers various areas, including professional development, vocational skills and specialised courses.

Contact Details:

T: 01482 393939

E: learn@eastriding.gov.uk

To explore the training offered by East Riding Council and access their online information, please visit their website at www.eastriding.gov.uk/learn

Hull Training and Adult Education – Hull Training and Adult Education offers a comprehensive training provision aimed at supporting individuals and organisations in the Hull area. Their training programs cover a wide range of fields, including business and entrepreneurship, health and safety, IT, customer service and more.

Contact Details

T: 01482 615 349

E: learneradvice@hullcc.gov.uk

To explore the training offered by Hull City Council and access further information, please visit their website at www.hcctraining.ac.uk

Case Study:
Hull and East Yorkshire as a education and training destination: Ideal Heating

ideal HEATING

Attracting learners with industry leading offers

Local education, learning and skills providers in Hull and East Yorkshire are attracting people from across the UK, helping people to embrace the transformative power of digital technology and help businesses equip their staff with the skills needed for the future.

Ideal Heating's National Training and Technology Centre in East Yorkshire is attracting learners from across the UK. George and Harry Carter, heating installers in South East London, recently completed their air source heat pump qualifications at Ideal Heating's modern facility in Hull.

The Carter brothers have developed hands-on skills and technology proficiency to help meet an area of growing demand for their business. Skills like this will also help the UK meet its carbon reduction targets.

Education and Training Providers

Providers across Hull and East Yorkshire can support employees on a learning journey in programming and advanced application expertise. It will open a world of opportunities and equip individuals with technical prowess and versatility, to adapt to the evolving technological landscape.

Training Provider:
Further Education College

BISHOP BURTON College

Bishop Burton College

Bishop Burton College is a specialist land-based college which serves the local and national rural economy. In addition, the college continues to grow curriculum areas not traditionally associated with the land-based sector but which are complementary and benefit from our rural location (e.g. Sport). The main campus is at Bishop Burton near Beverley and there are two further campuses based at Riseholme, near Lincoln.

As well as providing Apprenticeships and Further Education courses, the college has a substantial university centre and offers degree programmes validated by the universities of Hull, Lincoln and Huddersfield.

Bishop Burton College works with an expanding range of industry partners to grow its capacity as a centre of technical excellence and innovation with world-class facilities including a 315 hectare mixed farm. The college is reinforcing its position as a national centre for innovation in sustainable agriculture, working with its partners to provide high-level skills training for the current and future workforce.

The college is a founder member of the Yorkshire and Humber Institute of Technology which has a remit to provide higher level skills training including digital skills. The college's particular focus within the Institute is the development of skills in Agri-Tech including precision agriculture, robotics and renewable energy. The technology involved requires applied digital skills which are integrated within the college's land-based courses.

Specific digital short courses have been developed for use within the workplace including Robotics, Data Handling and Guidance Systems and Communications. We have also developed short courses for industry on renewable energy including Green Energy Solutions, Anaerobic Digestion Systems and Electric and Battery Power Selection.

The college is working closely with employer partners to develop its Agri-Tech and Renewable Energy provision. For example, East Yorkshire based Manterra Ltd have assisted with the development of the precision agriculture systems used on the college's farm, providing specialist equipment and expertise. The systems utilise Global Positioning (GPS) technology which produce digital maps to inform management decisions in relation to crop and livestock production.

The college's latest digital innovation includes the use of Virtual Reality (VR) in the form of the metaverse to facilitate interactive learning in wide range of virtual working environments.

Contact Details

T: 0800 731 8281

E: enquiries@bishopburton.ac.uk

www.bishopburton.ac.uk

Training Provider:
Further Education College

DN COLLEGES GROUP

DN Colleges Group

DN Colleges Group serve our communities in South Yorkshire and across northern Lincolnshire and the Humber from our well-equipped and expanding campus bases in Doncaster, Scunthorpe and Hull. We are committed to working with local strategic partners in these areas to create a compelling and high-value curriculum offer, which is responsive to individual needs and is closely aligned with the economic, employment and skills ambitions of our localities. Our engagement with employers is a real hallmark of the DN Colleges Group experience and we are proud of the scale and range of employment interactions enjoyed by our students across the curriculum.

DN Colleges Group is a significant regional provider of education and training across Yorkshire and the Humber, operating from two main sites in Scunthorpe and Doncaster, as well as training centres in Hull and at British Steel in Scunthorpe and centres out in the community in Doncaster.

The College offers a very wide range of provision to young people, adult learners, apprentices, for students with SEND. The College offers Higher Education provision from its new University Campus North Lincolnshire building and from University Campus Doncaster located in the main campus building. Both university centres are home to new Institutes of Technology (for Lincolnshire and South Yorkshire respectively) and are key assets in promoting and enabling social and economic mobility in our communities by providing local access to high quality higher education. The Digital Skills pathways offered by North Lindsey College (part of DN Colleges Group) in Scunthorpe, are designed to address and balance the needs of local business and the expressed interests of our prospective students.

Contact Details

T: 01724 294030

E: admissions@northlindsey.ac.uk

www.northlindsey.ac.uk/

Training Provider:
Further Education College

HULL COLLEGE

Hull College

Hull College is committed to delivering cutting-edge digital education and empowering businesses to thrive in the digital era. In today's rapidly evolving digital landscape staying ahead of (and navigating) the complexities of industry 4.0 are essential, that's why Hull College offers specific taught curriculum and has committed to the digital agenda by featuring digital as a golden thread through its wider curriculum offer.

The college has achieved remarkable recognition for its commitment to digital innovation and inclusive education. In the prestigious Edufuturist national competition, the college was shortlisted as College of the Year, an accolade that highlights the college's digital innovation and the college has secured funding from the Ufi VocTech Trust for its work in utilising Microsoft Translate for inclusion.

Collaboration is at the heart of Hull College's approach. The college actively involves stakeholders in shaping its curriculum. Throughout its curriculum design, development and implementation, the college leverages industry insights to shape the education that it provides. Together with industry the college crafts programmes that address the specific needs of the digital space.

The college tailors its training to specific industries, ensuring that our students, apprentices and graduates possess the skills and knowledge essential for success in the digital landscape.

Whether it's Artificial Intelligence solutions to drive business growth, Microsoft productivity tools for enhanced efficiency, or digital apprenticeships in content creation and digital marketing.

Industry 4.0 is transforming the way we work and live and Hull College embraces this transformation. The curriculum is infused with the latest advancements in digital technology, ensuring that its training and education is at forefront of digital innovation. From coding and cloud computing to the use of drones, computer-aided design (CAD) and virtual reality (VR) simulation in industries such as construction, engineering and creative arts, the college's programmes prepare students, apprentices and graduates to excel in the digital age.

The college has launched new frontiers in e-Sports and T Level Qualifications for Digital Support Services further complementing the existing curriculum which includes sector-based work academies for Technical Digital Skills, apprenticeships in Digital Marketing and Content Creation include full time programmes for IT Professionals.

Hull College programmes are designed to meet the unique demands of various sectors and as such the college's diverse programme offer provides pathways to education, training for those who are reskilling, upskilling or entering a new market for the first time.

Contact Details

T: 01482 329 943

E: info@hull-college.ac.uk

FUNDED BY
Ufi VocTech Trust   edufuturists

Training Provider:
Further Education College

TEC Partnership
Training • Education • Careers

TEC Partnership

The TEC Partnership, which includes Grimsby Institute, University Centre Grimsby, Skegness TEC, The Academy Grimsby, Career 6 and Humber Maritime College to the south and Scarborough TEC to the north. The TEC Partnership is one of England's largest providers of further and higher education; with a rich history of developing innovative training and education solutions for the community.

Our Digital courses support school leavers and adult returners onto courses that will support their transition into further training, employment or apprenticeships. Students can choose from a wide range of subjects such as Esports, Digital Technology (Software or Networking), through to Digital Film Production and Games Design.

Our courses are designed to support our students to gain the knowledge, skills and behaviours needed to thrive out in industry. Strong technical skills are in demand so it is the perfect time to develop skills in this area.

Our region has a thriving digital economy with gaming, virtual reality, information technology and digital marketing with information technology highlighted as sectors set to grow in our region.

Our courses are delivered by sector-experienced teaching staff, whose first-hand industry knowledge helps to keep our students' training relevant to their future career choices. Our students progress onto a variety of pathways including apprenticeships, university and into employment.

Our courses include digital and technology solutions, digital media and film, creative media and esports.
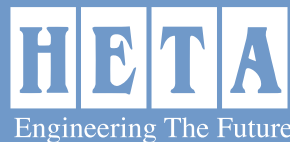
Contact Details

T: 0345 120 0044

E: info@eastridingcollege.ac.uk

www.eastridingcollege.ac.uk

Training Provider:
Independent Training Provider

Training Provider:
Institute of Technology

HETA

HETA is a specialised independent engineering training provider operating across three sites in the Humber and Yorkshire region. Established by employers for employers in 1967 to bridge the gap between education and the workplace HETA remains committed to delivering on its original ethos.

With locations in Hull, Grimsby and Scunthorpe HETA provides apprenticeship training for over 200 apprentices per annum, courses for adults looking to enhance their engineering skills and Higher National programmes at Level 4 and 5 as a progression into degree education. Training over 2000 individuals and working with over 400 companies every year HETA is recognised as the leading provider of engineering training in the region.

HETA has recently developed a curriculum in Carbon Capture Storage, Hydrogen as an energy source, CNC Machining and reduced energy consumption welding processes.

HETA's digital offer encompasses four sector critical areas including Carbon Capture Storage, Hydrogen, CNC Machining and Computer Aided Design and Computer Aided Manufacturing.

Carbon Capture Storage and Hydrogen as an energy source are online learning courses consisting of 60 guided learning hours each delivered through an online learner management system with both formative and summative assessments. On successful completion of the course, learners can apply to HETA to receive a certificate of achievement. Each course is designed to appeal to a wide range of learners wishing to gain a more detailed understanding of two key initiatives to support the reduction of CO2 emissions and achievement of Net Zero ambitions by 2050.

CNC Machining is one of the most sought-after skill sets in the region as manufacturing evolves into the digital space to reduce the impact on our planet and support the ambitions for Net Zero. CNC Machining has the impact of reducing energy consumption and the reduction of waste material through Computer Aided Manufacturing processes. CNC Machining at HETA covers both milling and turning.

SolidWorks provides the basis of Computer Aided Design and Manufacturing learning programmes.

Contact Details

T: 01724 282998

E: training@heta.co.uk

www.heta.co.uk

Institute of Technology

The Yorkshire & Humber Institute of Technology is one of 21 Institutes of Technology across England designed to increase access to higher level technical skills required by employers.

The Institute is based on a collaborative partnership between a number of colleges, universities and employers in the region.

Delivering high quality, higher-level technical qualifications with a focus on STEM (science, technology, engineering and mathematics) in the following subject areas:

- Engineering and Engineering Technologies,
- Immersive Technologies,
- Computing and Digital Technologies, Cyber Security, Software Development, Computer Games Development,
- Precision Agriculture Technology, Agricultural Engineering and Animal Care,
- Construction and the Built Environment

Admissions are through one of the college partners:

- Askham Bryan College
- Bishop Burton College
- Craven College
- TEC Partnership (Scarborough and East Riding)
- Selby College
- York College
- University of Hull
- York St John University.

Contact Details

https://yhiot.ac.uk

Training Provider: Sixth Form College

Franklin Sixth Form College

At Franklin, we consider digital skills to be essential for all students regardless of their courses.

Digital upskilling has been built into our Aspire programme, ensuring it is a fundamental part of the student journey. This ensures all students have, at a minimum, the essential digital skills needed in employment. We have also introduced a new Digital Academy for students wishing to upskill and earn industry-standard certifications.

We have invested heavily in our hardware and have introduced three new IT suites this year, a Digital Lab and a Mac Suite. All the hardware is high spec and boasts the latest software – such as Adobe.

Our new learning centre (The Bridge) has also benefited from investment in technology with 36 new high spec desktops and digital screens in bookable spaces so that students can practice presentations or complete group work. We also encourage the use of BYOD and The Bridge has access to over 100 charging points to encourage independent study.

Our curriculum is also tailored to develop digital skills with students being able to study the following courses:

• E-sports

• Media

• IT

• Computer Science

• Graphics and Design

• Essential Digital Skills

Contact Details

T: 01472 875 000

E: admissions@franklin.ac.uk

John Leggott College

John Leggott College is a high aspiration, open access sixth form college pulling a wide range of students from across large swathes of our local regions and attracting a small cohort of international students from countries around the world. Our curriculum focus is mapped against local, regional and national needs - specifically through alignment to the local skills improvement plan and the Greater Lincolnshire Local Enterprise Partnership (LEP) and LSIP priorities.

We offer a range of post 16 qualifications including A Level, BTECs and CTECs and learning primarily takes place within 16-19 study programmes at Level 3. Underpinned by a strong curriculum strategy, programmes of study develop learners' knowledge, skills and behaviours so they can progress to university, employment or higher levels of study towards these aims. We offer students not only a breadth of curriculum, but also a diverse array of extended opportunities that complement and enhance their academic studies.

John Leggott College offers a variety of courses in digital media, games development, computing and IT. The courses are designed to help students develop digital skills that are essential in today's world. The courses cover elements such as building computer systems, computer games development, software development as well as Global Information, AR, VR, Social Media, Computer Systems & Hardware, Programming and Cyber Security.

The college provides a platform for students to enter into post-16 education with options to meet their needs. The wide range of Level 3 courses provide the opportunity to complete a fully study programme (up to three A Level equivalents), where students can either study a combination of A Level and Vocational programmes in digital subject areas For those wishing for a career in the games industry they can complete an Extended Diploma in Games Development. For those students who are not ready for A Level or Level 3 study, we offer a 'step up' Level 2 programme where they can study BTEC Creative Media Skills and/or OCR Technical Information Technology alongside GCSE Maths and English to help prepare them for Level 3 study.

Whichever digital courses students select at John Leggott College, they will not only gain the technical, creative and organisational skills they will also develop skills essential for working in the digital economy. These include self and project management, teamwork, leadership, communication, resilience, problem solving, and critical thinking.

Contact Details

T: 01724 282998

E: info@leggott.ac.uk

www.leggott.ac.uk/our-courses

Training Provider:
Sixth Form College

Training Provider:
Sixth Form College

WILBERFORCE sixth form college

Wilberforce College

We offer all the specialisms of a sixth form college, delivering exclusively to 16-19 years olds but have a broad curriculum that includes A Level, T Level, BTEC and City & Guilds qualifications.

Year on year, Wilberforce has around 1,350 students. Our size means our students get the benefit of a personalised experience whilst being able to access a wide range of courses that will provide a steppingstone to their chosen career. In return, we expect students to immerse themselves into everything that is available to them; embrace the lessons, tutorials and upskilling sessions and become part of the amazing Wilberforce Sixth Form College community.

We continue to make significant investment in the colleges facilities, staff and students, ensuring that we remain the first choice for students, both now and in future years.

We Immerse our students in hybrid learning experiences that ensure they are fully equipped to meet the demands of future learning and employment opportunities.

Courses on offer are as follows:

• T Level in Digital Services

• A Level Computer Science

• BTEC Level 2 & Level 3 Ext Certificates in IT

• BTEC Diploma in Esports

Contact Details

T: 01482 711688

E: liaison@wilberforce.ac.uk

www.wilberforce.ac.uk/courses/

Wyke 6TH FORM COLLEGE

Wyke 6th Form College

Wyke 6th Form College is an exceptional provider of education for 16-19 year olds from Hull and the Humber region who aspire to progress into professional occupations. The College aims to inspire students to make more progress than they thought themselves capable of in an environment of supported independence. Students develop the character, skills and knowledge to go on and make a positive contribution to society.

All students develop their digital skills whilst studying at Wyke. Our courses integrate a blended learning approach with directed independent learning tasks delivered via the MS Teams platform. In addition to this, we offer specialist digital courses including A Level Computer Science, CTEC Introductory Diploma in IT (equivalent to 1 A level) and CTEC Diploma in IT (equivalent to 2 A levels). Many other courses include significant digital elements, notably BTEC Creative Digital Media Production, CTEC Engineering, A level Photography, A level Graphic Design, BTEC Music Technology (Digital Music Production) and A level Media Studies.

Contact Details

T: 01482 346 347

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www.wyke.ac.uk/courses

Training Provider:
University

UNIVERSITY OF HULL

The University of Hull

In 2027, the University of Hull will celebrate its 100th anniversary as the 'centre of light and culture' for the region. True to its founding values, an enduring commitment to transforming lives and a profound sense of place remain at the heart of its identity. It is a broad-based, research-led institution, offering undergraduate and postgraduate degree programmes across four faculties: Arts, Cultures and Education; Business, Law and Politics; Health Sciences (including the Hull York Medical School, jointly with the University of York); and Science and Engineering.

Reflecting the global challenges that matter to its students, staff and communities, the interconnected themes of environmental sustainability and social justice are central to the University Strategy and integrated into the vision: Motivated by society's challenges and inspired by the power of our global community, we are shaping a fairer, brighter and carbon neutral future.

All University of Hull programmes are co-developed with key stakeholders, including students and employers. Programmes are based on disciplinary competencies, replacing learning outcomes. They are academically coherent, inclusive by design, digitally enhanced and authentically assessed. Programmes instil the values of sustainability, social justice and entrepreneurship in the university's graduates, who leave the University confident in their own competency and equipped to succeed in a fast-changing world. As well as a range of online-only Masters' courses (all part of the Hull Online offering), the university provides digitally enhanced education anchored to its campus and all that it has to offer.

We offer specialist digital courses both on-campus and online including Computer Science, Software Engineering, Artificial Intelligence, AI and Data Science, AI and Robotics, Digital Transformation, Digital Marketing, Media Production, Games Programming and Games Design.

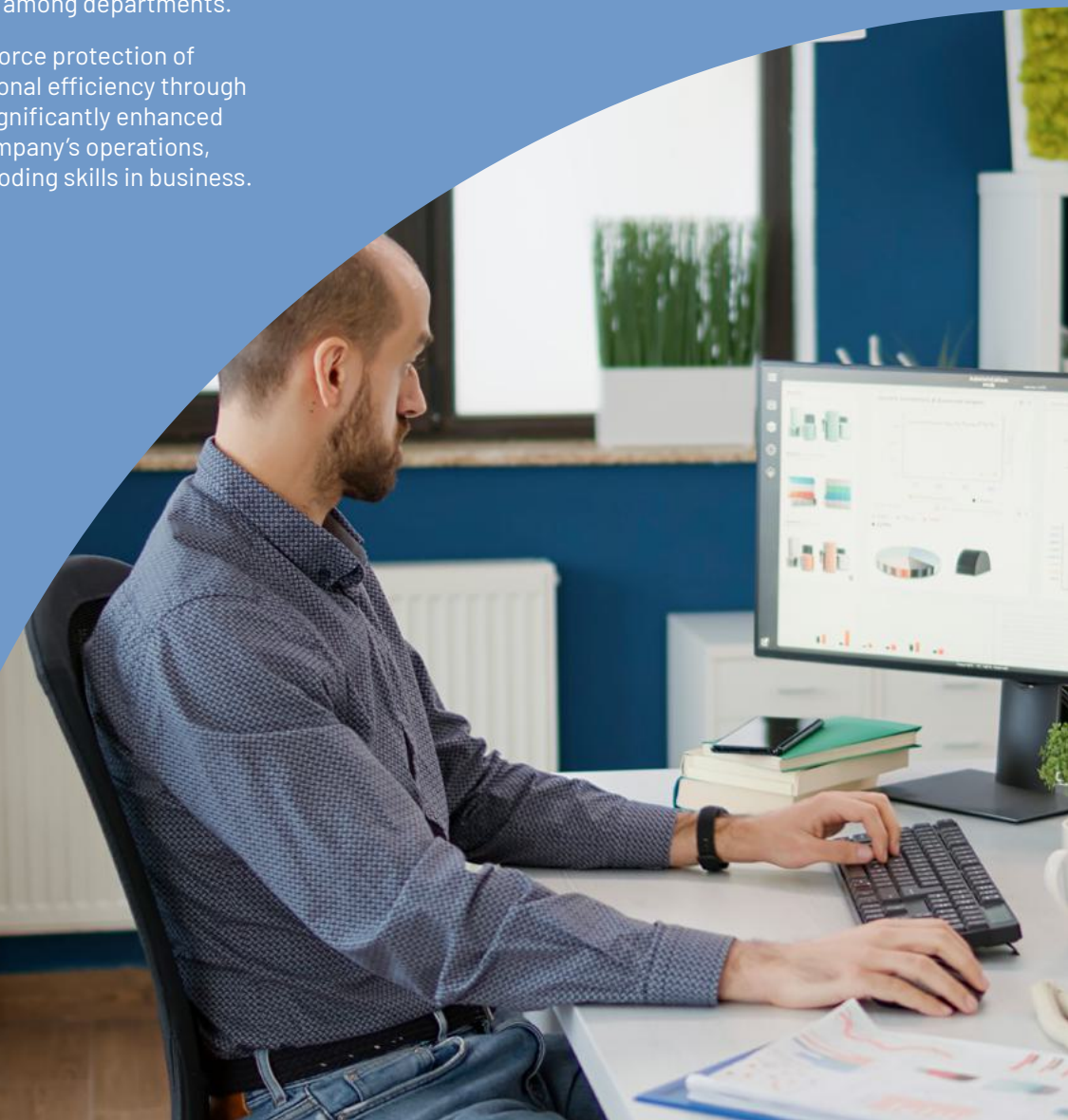### Contact Details

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Case Study:
Digital Upskilling

Coding skills supporting company efficiency

John Anderson, a marketing professional from Bridlington took the initiative to learn coding skills to improve his job performance and the company's operations. With proficiency in coding, he customised his team's project management software system which streamlined tasks and improved communication among departments.

He utilised coding to reinforce protection of data and increase operational efficiency through automation. His efforts significantly enhanced various aspects of the company's operations, showcasing the value of coding skills in business.

Department for Education

Department for Education (DfE) and Department for Culture, Media and Sport (DCMS) have supported these projects through the Local Digital Skills Partnership (LDSP) and Strategic Development Fund (SDF) activities:

HEY Hull and East Yorkshire Local Enterprise Partnership

The HEY LEP is the managing organisation for the Humber Local Digital Skills Partnership (LDSP).

TEC Partnership
Training • Education • Careers

The TEC Partnership is leading the Strategic Development Fund investment to enable areas across England to reshape its teaching and training provision and update its facilities in preparation for the rollout of local skills improvement plans. The TEC Partnership is leading the Strategic Development Fund (SDF) across Hull and East Yorkshire.