



Careers Newsletter

Issue 4
February 2023

Upcoming Events

Date	Event
Through February	Careers Interviews and Drop-In sessions in room 111 at break and lunch time
3 rd February	College Drop-in sessions at Rye Hills Academy – lunch time.
6 th February	College Application Support Session room 210 at lunchtime
6-12 th February	National Apprenticeship Week
7 th February	TTE Open Event 4-6pm
7 th February	Redcar College Big Open Event 5-7pm
8 th February	Rye Hills Careers Fair 1.05 – 3.05pm for students 3.15 – 4.00pm for Parents/carers and students
9 th February	NETA Open Event 5-7pm
15 th February	Year 9 Options Form Assembly 8.40-8.55am
21 st February	Digifest Year 9 – 11 9am – 3pm at Middlesbrough College
22 nd February	Digifest Year 9 – 11 9am – 3pm at Middlesbrough College

Career of the Month

MECHANICAL ENGINEER

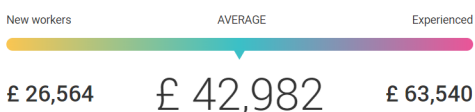
JOB DESCRIPTION
Mechanical engineers undertake research and design, direct the manufacture and manage the operation and maintenance of engines, machines, aircraft, vehicle and ships' structures, building services and other mechanical items.

QUALIFICATIONS
Mechanical engineers usually possess an accredited university degree. After qualifying, periods of appropriate training and experience are required before membership of a chartered engineering institution is attainable. Incorporated engineers possess an accredited university degree, BTEC award or an apprenticeship leading to an NVQ at Level 4, followed by periods of training and relevant experience.

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Mechanical engineers build the world around us. From the tiniest nanotechnology, through to cars and buildings, to airplanes and space stations, mechanical engineers are responsible for the design and development of most things.

Wages



New workers start around £26,564. Normal pay is £42,982 per year. Highly experienced workers can earn up to £63,540.

<https://www.ucas.com/>

Labour Market Information

The labour market locally and regionally is developing and changing rapidly. Teesworks Skills Academy has been established to help give the local people of the Tees Valley the best skills and training possible to enable them to take advantage of the new jobs and opportunities that are being created on the Teesworks site.

Check it out here: [Teesworks Skills Academy - Teesworks: The UK's Largest Freeport](#)

Next Steps

Apprenticeships:

An apprenticeship is a paid job where the employee learns and gains valuable experiences. There are different Levels of Apprenticeships in a wide range of sectors. As it's National Apprenticeship Week from 6 February, why don't you have a further look at what is on offer?

Find out more: [Amazing Apprenticeships](#)

Spotlight

Rye Hill Careers Fair

Rye Hills Careers Fair will take place on the afternoon of 8th February. This will be an exciting opportunity for students and their parents and carers to interact with providers from education, employment, and training. Check out our posts on Facebook and Microsoft Teams for more details.

Career Resources

National Careers Service provides careers information, advice, and guidance. They can help you to make decisions on learning, training and work at all stages in your career.

Check out more information at:

<https://nationalcareersservice.direct.gov.uk>

Key Terminology

Further Education

Further education (FE) includes any study after secondary education that's not part of higher education (that is, not taken as part of an undergraduate or graduate degree).

Courses range from basic English and maths to Higher National Diplomas (HNDs).

FE also includes 3 types of technical and applied qualifications for 16 to 19-year-olds:

- level 3 tech levels to specialise in a specific technical job
- level 2 technical certificates help get employment or progress to another tech level
- applied general qualifications to continue general education at advanced level through applied learning

Pathways

Watch this space for information about careers pathways linked to different subjects. This month we look at computing, check out the poster below:

Sectors

Each week we will share some information about different sectors that aims to broaden your knowledge of the types of jobs and industries that you may be inspired to work in. This week we are shining a light on Construction.

CONSTRUCTION

If you're the sort who enjoys physical work, you could help by the foundations of a building by being involved around a famous landmark. As a construction worker, you'll be involved in building or maintaining a large project. Those with a flair for organisation could help make sure projects run on time and within budget. Use your skills to help build a new place to put your creative skills to the test.

More than two million people are employed in the construction industry

It is estimated that over 220,000 construction jobs will be created in the next five years

APPRENTICESHIPS AVAILABLE IN

- Chartered Surveyor
- Construction Specialist
- Civil Engineering
- Surveying
- Construction Building
- Domestic Heating
- Heating and Ventilation
- Electrical Installation
- Plumbing and Heating
- Refrigeration and Air-Conditioning
- Quantity Surveying
- Building Surveying

JOB TITLES

- Architect
- Architectural technician
- Bricklayer
- Building services engineer
- Building surveyor
- Carpet fitter and floor layer
- Carpenter
- Civil engineer
- Construction manager
- Construction plant mechanic
- Construction plant operator
- Construction site supervisor
- Core driver
- Demolition operative
- Domestic energy assessor
- Engineering construction technician
- Fence installer
- Gas mains layer
- Gas service technician
- Heating and ventilation engineer
- Land and property valuer and auctioneer
- Land surveyor
- Mechanical engineering technician
- Minerals surveyor
- Painter and decorator
- Planning and development surveyor
- Plumber
- Quantity surveyor
- Road worker
- Roofing labourer
- Scalder
- Steel fixer
- Structural engineer
- Technical surveyor
- Thermal insulation engineer
- Tiler
- Timber yard worker
- Town planner
- Welder
- Window fitter
- Wood machinist

GCSEs

- ENGLISH
- MATHEMATICS
- BIOLOGY
- CHEMISTRY
- PHYSICS
- RELIGION
- TEXTILES
- GEOGRAPHY

FURTHER EDUCATION LEVEL 1, 2 & 3 COURSES AVAILABLE IN

- Bricklaying
- Brick masonry
- Civil Engineering
- Electrical Installation
- Surveying
- Construction Technical
- Plumbing
- Environmental Management
- Horticulture and Landscape Multi-Skills Construction
- Land-Based Operations
- Mechanical Engineering
- Electrical Engineering
- Building Services Engineering

A-LEVELS

- ENGLISH
- MATHEMATICS
- BIOLOGY
- CHEMISTRY
- PHYSICS
- RELIGION
- TEXTILES
- GEOGRAPHY

HIGHER EDUCATION

- BEng (Hons) in Civil and Environmental Engineering
- BSc (Hons) in Construction Management
- BA (Hons) in Architecture
- BSc (Hons) in Construction Management
- BSc (Hons) in Structural Engineering
- BEng (Hons) in Structural Engineering and Technology
- BA (Hons) in Interior Design
- BSc (Hons) in Building Technology
- BSc (Hons) in Building Surveying
- BEng (Hons) in Mechanical Engineering
- BEng (Hons) in Electrical Engineering

Progress Careers

COMPUTING

DID YOU KNOW THAT COMPUTING CAN LEAD TO ...

JOB TITLES

- App Developer
- Digital Marketer
- Technical Architect
- Vlogger
- Software Developer
- Computer Games Developer
- Cyber Intelligence Officer
- Forensic Computer Analyst
- Social Media Manager
- Robotics Engineer
- IT Project Manager
- Network Engineer
- Media Researcher
- Web Designer
- Technical Architect
- User Experience Designer
- Web Content Manager

APPRENTICESHIPS AVAILABLE IN

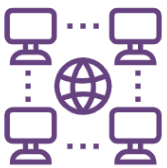
- Cybersecurity Technology
- Social and Digital Marketing
- Digital Learning Design
- Infrastructure Technician
- Data Analysis

FURTHER EDUCATION LEVEL 1, 2 & 3 COURSES AVAILABLE IN

- Art and Design
- Media, Art and Design
- Creative Digital Media
- Computer Games Development
- Music Technology
- TV and Film

HIGHER EDUCATION

- BSc (Hons) in Computer Animation
- BSc (Hons) in Data Science
- BA (Hons) in Media Studies
- BA (Hons) in Graphic Design
- BA (Hons) in Games Design



Did you know?

In this section we help you link the subjects you enjoy with the potential careers that they lead into.

MEDIA STUDIES

DID YOU KNOW THAT MEDIA STUDIES CAN LEAD TO ...

Jobs

- Media planner
- Multimedia specialist
- Programme researcher
- Social media manager
- Television/film/video producer
- Web content manager
- Broadcast journalist
- Editorial assistant
- Event manager
- Film director
- Market researcher

"It gives the people a voice or the skill to actually change people's views or lives and I think that's incredibly powerful. That's why media matters"

Head of Birmingham City University's school of Media

Skills

- Critical analysis
- Research
- Commercial and cultural awareness of the media and creative industries
- Teamwork
- Initiation and development of creative work in writing, audiovisual or other electronic media
- Flexibility, creativity and ability to work on your own initiative
- Project and time management

Higher Education

- BA (Hons) in Media Studies
- BA (Hons) in Writing for Broadcasting, Media and Performance
- BA (Hons) in Graphic Communication
- BA (Hons) in Digital Media
- BA (Hons) in Media Communications
- BA (Hons) in Digital Film Production
- BA (Hons) in Photography
- BA (Hons) in Film and Media
- BA (Hons) in Games Design