


You're not alone!

Thousands of students are studying vocational qualifications alongside their GCSEs and A levels in South Yorkshire. Here are just a few stories to explain what it's like to study vocational subjects and the careers these courses could lead to.



Jason's story

“My tutor says I've become more organised and independent during the last year.”



When Jason (16) from Rotherham was choosing his options, his Connexions Personal Adviser asked him what he was interested in. “I suppose I'm practical and like taking things apart to find out how they work!” With guidance from Connexions, his school and his dad, Jason chose to study ten GCSEs including Engineering.

“On the Engineering GCSE I've learnt about the practical sides of engineering and the jobs that I could go into. The visits to employers and the talks we had from people who came in to tell us about their work were really useful. My tutor says I've become more organised and independent during the last year, which he says will be useful for me when I go to college to do A levels. Eventually I want to do a degree in Engineering Design because I want to be a design engineer in the aerospace industry.”

Engineering and Manufacturing

We spend half our money on manufactured goods. Life without the benefits of modern industry would be unthinkable!

The careers

Engineering and manufacturing jobs are found in many industries including; aerospace, chemical engineering, forensics and pharmaceuticals – to name just a few. Manufacturing is used to produce new cures and treatments for illnesses and diseases, and to make furniture, computers, food, motor vehicles, tyres, clothes and trainers!

Did you know?

- South Yorkshire is home to some of the most advanced engineering companies in the world, offering a huge range of well-paid and satisfying careers. From swing bridges to ice skates, hip joints to Formula 1 engines, all these and more are made right here in South Yorkshire.
- There are over 79,000 people employed in manufacturing in South Yorkshire – that's 12% of the overall workforce.
- 43 of the top 100 South Yorkshire firms (by turnover in 2006) were in the engineering and manufacturing sectors.
- Chartered engineers are some of the highest paid graduates in the UK.
- South Yorkshire will need 6,000 more engineers over the next 10 years, including software engineers, professional engineers and technicians.
- South Yorkshire produces over 1 million tonnes of steel, with a turnover of £400 million every year. In fact, thanks to new technology, steel production in South Yorkshire is now at its highest level ever.
- A major high-tech printing centre has recently relocated to South Yorkshire, creating up to 1,600 print-related jobs.
- 7 out of 10 aeroplanes flying overhead include parts made in South Yorkshire.

To find out more about the Engineering and Manufacturing sectors, visit:

www.voced.co.uk/jobsinsy