



ROUTES into...



Engineering CLCI Section - RAB

Job titles you may hear...

- Engineer
- Tool Maker
- Electrical Engineer
- Technician
- Assembler
- Fabricator

Places You May Work...

- Engineering Companies
- Engineering Consultancies
- Telecommunications Companies
- Factories
- Laboratories
- The Armed Forces

How Can I Get Qualifications/Training In This Type of Work?

Full Time Further Education (College or Sixth Form)

Foundation / Level 1 Courses

Connections	No formal entry requirements	Engineering options available at Castle Centre
Engineering NVQ Level 1/2	No formal entry requirements	Castle Centre

Intermediate / Level 2 Courses

Engineering GNVQ Intermediate	4 GCSEs grade D or equivalent	Castle Centre
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Advanced / Level 3 Courses

Engineering AVCE	4 GCSEs grade A/C or equivalent including Maths, Science and English	Castle Centre
Electrical Installation Level 1-3	4 GCSEs grade A/C or equivalent preferred including Maths, Science and English	Loxley Centre

AS/A Levels

Another option is to study AS/A2 levels at college or sixth form – the Options Booklet has details of all AS/A2 programmes of study.

Many advanced level courses can lead to higher education at college or university. Make sure your course/subjects are appropriate for the higher education courses and career you are interested in. Find details of university courses in The UCAS Big Guide, and discuss your plans with university admissions tutors before undertaking a course of study.

All or some of the above courses may also be offered at colleges/sixth forms near to Sheffield. E.g. Barnsley College, Chesterfield College, Dearne Valley College, North Derbyshire Tertiary College (Clowne), Rother Valley College, Rotherham College of Arts and Technology (RCAT) and Thomas Rotherham College.



Work Based Learning

Training Opportunities include NVQ Training, Foundation Modern Apprenticeships and Advanced Modern Apprenticeships.

Training places are available through: Action for Employment, Brinsworth Training, Metcom Training, Metskill, Rotherham Managing Agency, Sheffield College Training Unit. Training opportunities in electrical installation are offered by JTL Ltd

You can contact employers direct to ask if they can offer you work based learning. The employer can then contact a training

Employment opportunities

The industry is moving towards a 'leaner' structure, and those in work who are motivated to improve their qualifications to beyond semi-skilled level will greatly improve their long-term employability. Basic manufacturing is seen to be in decline and more opportunities will appear in the more skilled technical aspects of engineering. For those taking A levels or an advanced course, one option is to study for chartered engineer status in higher education.

In 2001 there were 108 engineering job opportunities advertised with the Connexions Service in Sheffield. At the same time only 82 Y11 school leavers initially said they were interested in this type of work.

Job Hunting Tips

If you are looking for work/training, use school/college Connexions notice boards for vacancy details whilst you are in education. Contact the Connexions Centre at Star House for vacancy details once you have left school/college. Your school/college library and the Connexions Centre have a wide range of handouts and books that will be of use to you. You

For more information use:

The Connexions Centre
CLIPS Leaflets
School/College Careers Centres
KUDOS

Useful Websites:

www.connexionsinsheffield.org.uk
www.engc.org.uk
www.iie.org.uk
www.ingenuity.org.uk
www.ecitb.org.uk
www.insidecareers.co.uk/engineering

Please remember to check the latest details of training/college courses, as information is likely to change.

Information updated September 2002:

provider or the Learning Skills Council to try to arrange a training programme for you. You can talk to employers, training providers and college/sixth form staff at the Routes 16 Exhibition at Don Valley stadium in November each year.

For more details of work based learning look at The Options Booklet, the Learning Skills Council 'Directions' training directory, or visit the Training/Employment pages of www.connexionsinsheffield.org.uk

The industry remains heavily male dominated. Employers continue to express disappointment that so few girls show an interest in engineering careers.

If you are successful in finding employment remember to find out whether you will be offered the chance to do further education and/or training whilst you are working. If you have not gained qualifications to NVQ level 2 you may be entitled to paid time off work for study to gain relevant nationally recognised qualifications e.g. NVQs

can also get advice on CVs, job hunting, going for interviews etc. from your Personal Adviser.

Make sure that your Connexions Personal Adviser knows your plans so that they can keep you informed about opportunities.

Options Booklet
Occupations
Choices
18+ Booklet
College/Sixth Form Prospectuses

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