



**START
HERE**
GO ANYWHERE

Engineering



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Engineering

Engineering is a broad area of study that leads to careers in a wide variety of roles and locations.

There are many local companies that recruit engineers on an annual basis, so there are plenty of career opportunities available.

Many of these companies work with others around the world, so the chance to travel and work across the globe is always a possibility.

As an engineer, you'll spend your time working with others to solve problems and overcome difficulties. Every day will be different, as new tasks and solutions present themselves.

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Search and apply for courses at www.ayrshire.ac.uk or call **Student Services** on **0300 303 0303**

Architectural Engineer

CAD Designer

Civil Engineer

CNC Operator

Design Engineer

Electrical Engineer

Electronic Engineer

Engineering Manager

Fabricator/Welder

Machinist

Manufacturing Engineer

Mechanical Engineer

Modern Apprenticeship

Process Engineer

Toolmaker

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Fraser Wallace

Start here

Engineering Foundation
Apprenticeship

Go anywhere

Mechanical Engineering Modern
Apprenticeship, GE Caledonian



“Engineering is a massive sector and has something for everyone. There will always be a need and demand for engineers, and this appealed to me.

While I was at school, I completed my Foundation Apprenticeship. I liked being in the College workshop and practising what we were learning throughout the course. It was very exciting to get the opportunity for work experience with an employer and gain hands-on experience. This led to me being offered a job when I left school.

I was shortlisted as a finalist in the Scottish Apprenticeship Awards 2018 for Foundation Apprentice of the Year and on the awards night was announced as the winner. I then went on to win the top award of Scottish Apprentice of the Year 2018. The whole experience has been amazing!”

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Emily Wason

Start here

NC Mechanical Engineering

Go anywhere

Trainee Mechanical Fitter

Euro Driveshafts

“I was attracted to Engineering at primary school, always choosing to play with K’nex and Lego modelling kits. In secondary school I enjoyed making things in the Technical department.

At College I did NC, HNC and HND Mechanical Engineering. My learning experience was wonderful. I learned so much about myself and what I could do. I am dyslexic and with help from Inclusive Learning and my lecturers, I was able to keep up with the work and my confidence levels grew.

Now I’m working as a Trainee Mechanical Fitter. This involves me manufacturing, building and/or repairing drive shafts and hydraulic cylinders.



I love engineering as it allows me to create and build things and I love working with my hands. I feel an enormous sense of achievement when I stand back and look at what I have just made. Engineering is about working with what you have, to create something that you have thought of from your own imagination.”

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“ Engineering will provide you with an illustrious career and an experience that will last you a lifetime. Ayrshire offers diverse engineering opportunities where you would enjoy a competitive salary and benefits package enabling a comfortable lifestyle. Our Apprentice Programme and strong partnership with Ayrshire College delivers the engineers of the future! ”

Steven McNab
Apprentice Leader
GE Aviation



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Engineering your future

The main skills and qualities you'll develop on our engineering courses are easily transferable, so although you may leave College with the intention of working in one location, changing career path is always an option.

Many companies outside of the traditional engineering spectrum are keen to recruit people with the problem solving skills engineers possess.

Choose from:

Electrical Engineering

Engineering Manufacture

Fabrication

Mechanical Engineering

Mechatronics

Performing Engineering Operations (PEO)

Why choose Engineering?

- Opportunity to work around the world, while still at the College. Our engineering students have worked internationally. Local companies work with other companies across the globe.
- Engineering is a fast moving industry at the cutting edge of technology. Working in engineering today is exciting, as for the future – you'll be helping create it!



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Are you right for the job?

- You want to know how things work and enjoy taking things apart.
- You enjoy tackling problems and coming up with new solutions.

What are employers looking for?

- A methodical approach to tasks, being able to work through things one step at a time.
- Able to work as part of a team or as an individual, taking on the responsibility required to see things through.

Are you interested in working in Engineering?

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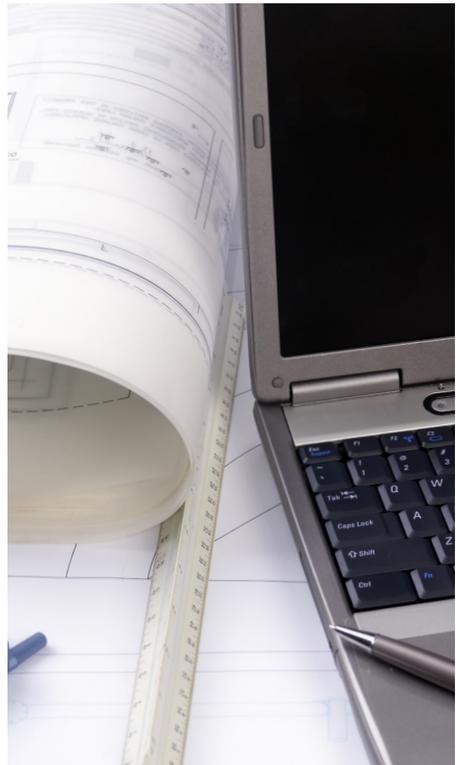
Start Here

Start with a general course covering all subjects or if you have the right entry qualifications, you can specialise from the start.

Study for your Modern Apprenticeship preparing you for work or, if you already work, study with us on a day release basis and earn while you learn!

► **Create your future here**

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Go Anywhere



Study Engineering and take the opportunity to work where you want. University courses are available throughout Scotland.

Ayrshire College has an articulation agreement with Glasgow Caledonian University and if you have successfully achieved HNC/HND Electrical Engineering you can move into year 2 (with HNC) or year 3 with (HND) in the following courses:

MEng/BEng (Hons) Electrical Power Engineering
or
MEng Electrical, Electronic and Energy Engineering
or
MEng/BEng (Hons) Electrical and Electronic Engineering
You need a B in Graded Units

If you're part of the Engineering Academy you'll be studying HNC Mechanical Engineering and will be

able to progress into year 2 at the University of Strathclyde, and choose from a range of degree courses.

If further studies are not for you, speak to the employers that regularly visit and recruit from our courses. Gain employment with a Modern Apprenticeship and study at the College part-time to gain your qualifications.

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