Which career pathway is right for me?

There are lots of routes into the engineering construction industry depending on your interests and strengths:

T-Levels

- A nationally recognised qualification to take after GCSEs.
- Exciting alternative to A levels, apprenticeships and other 16 to 19 courses.
- Focuses on vocational skills.
- Includes industry placement to get practical experience, which employers value.
- Worth the same as 3 A levels, and can lead to university, further training or work.

ecitb.org.uk/t-levels

Scan to learn more about T-Levels

Scholarships

- Best for school leavers.
- Earn while you learn.
- Combine practical training and study.
- Obtain industry qualifications and site passports with direct access to potential employers.

ecitb.org.uk/scholarships

Scan to hear from a scholar

Apprenticeships

- Good for school leavers but can also be later.
- Earn while you learn!
- Employed from day one with clear routes of progression in an exciting career.

ecitb.org.uk/apprenticeships

Scan to hear from an apprentice

Graduate opportunities

- Best for university graduates.
- Earn a highly competitive salary.
- Graduate positions provide entry routes into highly valued roles.
- Receive personal guidance and mentoring.

ecitb.org.uk/graduate

Scan to hear from a graduate

What could my career in engineering construction look like?

A career in engineering construction gives you a crucial role in creating a sustainable world for future generations. It's exciting, rewarding and no two days are the same. Don't just take our word for it, here's what Ella, Sam and Rahul have to say!

Ella, Project Manager

Keeps everything on track and on time

"I started out studying business and maths at university and then went into a graduate scheme in project management. Now I'm in charge of bringing together different teams to make sure projects run smoothly. I like knowing that I'm helping to build things that really matter."

Sam, Apprentice Welder

Joins metal parts together to build strong structures

"I got into welding through an apprenticeship after secondary school. I learn new techniques all the time I'm hands-on and creating things that last. Earning while I learn is the cherry on top."

Rahul, Pipefitter

Installs and maintains pipes that keep industries flowing

"I started my career as a fabricator apprentice, learning how to cut, bend and prepare metal parts. From there, I specialised as a pipefitter. You have to be precise in my job, and I love knowing that the systems I build are important for everyday life."

Find out more

To find out more about careers and pathways into engineering construction visit **ecitb.org.uk/career-pathways**

ECITB

Engineering a better future

Unlock your future with a career in engineering construction

ecitb.org.uk/career-pathways

What is engineering construction?

Engineering construction is important to all aspects of our daily lives. From the heat that warms our homes, the clean water we drink to the fuel in our cars, engineering construction is the industry that underpins all of the critical infrastructure across the globe.

People working in engineering construction design, test, install, operate, manage, maintain and commission facilities in **8 important sectors**...

Did you know...

Research reveals around 40,000 additional workers will be needed for major projects, including those related to net zero by 2030!

Food and drink

Food and Drink is the biggest manufacturing industry in the UK. Engineering construction workers in this sector design, build and maintain the equipment that makes the things we eat and drink.

Oil and gas

Oil and Gas still provides most of the UK's energy. It also supplies important raw materials that are used in electronics, plastics and transport.

Water treatment

Engineering construction workers in the water sector make sure that our drinking water is clean and our wastewater is treated safely by working on plants, pipelines and treatment facilities.

Pharmaceuticals

People working in engineering construction in the pharmaceutical sector design, build and maintain the facilities that produce vital medicines and vaccines.

Renewables

This sector is all about generating sustainable energy from wind, water and the sun. People working in engineering construction design, build and maintain wind turbines and wave power systems.

Nuclear

Nuclear generates reliable and low-carbon electricity. The engineering construction industry helps to maintain power stations that keep the grid running.

Power generation

This sector employs thousands across the UK. Engineering construction workers build and maintain power stations and explore carbon capture to cut carbon emissions.

Chemicals

Chemical engineering impacts on almost every aspect of our daily life, from household goods to new technologies like 3D printing. It focuses on turning raw materials into useful products.

Why choose a career in engineering construction?

It doesn't matter where you start from or how you get here, a career in engineering construction has a great starting salary, could offer global travel and helps you to make a positive difference to the world around you.

Great starting salary

Highly competitive earning potential.

Global travel

A chance to work on major projects overseas as well as in the UK.

Make a difference

Make a positive impact and contribute towards a sustainable future!

Career progression

Opportunities to advance and develop your career.

Life-changing roles for people like you

The engineering construction industry needs new talent like you. It welcomes people from all backgrounds who bring different strengths and ideas to make a better future for all.

From problem solving to teamwork, communication and creativity – it's not all about maths and science! If you want to be part of something important, there's a role for you in engineering construction.

You could be a...
Welder, pipefitter, electrician, mechanical fitter, project manager, designer, scaffolder or site manager. There are literally hundreds of careers to choose from!