



*A career in engineering.*

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Hello, welcome to Clancy.

We're a practice built upon a culture of excellence. Excellence not only in delivering creative engineering solutions and employee achievements, but within the very core of our ethos.

Operating across 10 locations in the UK with nearly 200 employees, we have developed a leading reputation in the engineering industry in delivering world-class projects, many at the forefront of technological advancements. 2022 was a special year for us as we celebrate our 50th anniversary.

We're committed to making a difference by inspiring the next generation of engineers and we work with schools, colleges, universities and industry bodies.

We support both professional and personal development, through exposure to a variety of projects across all industry sectors, with involvement in projects from conception to completion, encouraging responsibility from day one.

We look forward to seeing you soon.

Chris Acton  
CEO

## A career in *engineering*.

Engineering is all around us. Engineering is the art of planning and building the world we live in, from roads and railways to building structures and bridges, sewers and flood defences to the buildings services and the ground we build on.

There are several career options in engineering - primarily civil and structural, mechanical and electrical, and geoenvironmental.

### Civil and structural engineering

Civil engineers plan, design and manage construction projects from inception to completion. They use computer modelling software and data from surveys, tests, and maps to create plans. These plans advise contractors and builders on the best course of action and help minimise environmental impact and risk.

### Mechanical and electrical engineering services

An M&E engineer is responsible for ensuring that a building functions efficiently, keeping users warm in winter and cool in summer, designing lighting solutions, lifts, and energy supplies including electricity, gas, water, and planning and designing the best functioning positions for these to work efficiently for a building.

### Geoenvironmental engineering

Geoenvironmental is dealing with the design, implementation, and project management of effective site assessments and ground investigations. The work is varied across many different areas: water, wastewater, air pollution, resources recovery, and technology related to all environmental engineering areas.

We nurture a *positive* working environment that promotes equality, inclusion and wellbeing.

Our purpose –

**Engineering with an eye to the *future***

We deliver high-quality, sustainable engineering solutions that work for today and for future generations. We invest in people and a culture of learning to deliver great projects at the cutting edge of design.

Our passion –

**A *creative* approach to engineering**

Our person-centred approach goes hand in hand with our ability to understand and solve engineering challenges with high-quality technical solutions. We deliver projects smoothly and bring a creative approach to overcoming the challenges our clients and wider communities face.

Our guiding principles –

***Be sustainable, Be supportive, Be inclusive, Be collaborative, Be inspiring.***



*“The family-like environment and people all make it the best company I have worked for to date...”*

## Meet one of our apprentices.

Chris is a Civil Infrastructure Technician. He joined Clancy in May 2019 as an apprentice.



Why did you choose to do an apprenticeship?

*"I chose to complete an apprenticeship because I will achieve a full degree in civil engineering, moving on to a masters, without any student debt. On top of this, I'll also have around six years experience in the field, making me far more competent than other graduate engineers. This experience will also help me to progress sooner with the ICE to push for chartered status."*

What would you say to students considering an apprenticeship?

*"Don't fall for the misconception that an apprenticeship is for people who are not 'smart' enough for university. The outcome is exactly the same and I believe it is harder for someone in an apprenticeship as you work 32 hours a week, plus eight hours at college, on top of finding time to complete assignments and achieve your NVQ."*

How did you get into civil engineering?

*"I was always interested in how different components came together, such as a bicycle. I spent a little bit of time 'breaking' things to attempt to repair them. I thought that I would aim towards the electrical side of engineering, until I found out about software like AutoCad, where I could sit down and design my own creations. I have a goal to be able to one day help design a bridge, and civil engineering suits that perfectly to help make it realistically achievable."*

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## Meet one of our graduates.

Naveera is a Graduate Civil Engineer in the Manchester civil and structural team. She joined Clancy in 2021, having studied an MSc in Structural Engineering at the University of Salford.



Please share how you think engineers improve lives?

*"The dramatic change in lifestyle over recent years signifies the rise in demand for infrastructure that suitably meets this requirement. As problem-solvers and solution-seekers, we are constantly aiming to achieve out-of-the-ordinary solutions to meet these demands that allow for viable regeneration, and at the same time offer a smart solution that allows for rework-ability if at all*

*required, all of which in no doubt leads to the betterment of society."*

As engineers how are we already contributing to tackling climate change?

*"As designers, we are conscious of the impact we have on the environment owing to our design choices and we are actively working at producing design solutions with a view to the net zero targets. We are already currently ensuring the inclusion of eco-friendly alternatives and locally sourced materials, as a minimum, as part of our design strategies."*

*"As we are always intending to focus on projects being designed sustainably from the outset, rather than only introducing superficial green features for post-building, technical design decisions made in the present time impact the embedded carbon performance of the overall build that is to come together in its due course."*