

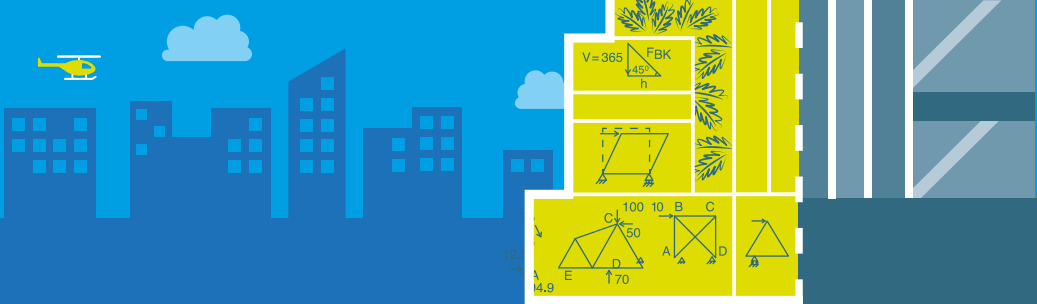
# Design and shape the world

## Careers in structural engineering

Have you ever wondered who makes buildings look beautiful and stand strong?

You might be surprised to hear that structural engineers work closely with architects to make amazing structures, from stunning staircases to soaring skyscrapers.

If you like maths, science, design or art, structural engineering could be the career for you.



# 5 reasons to become a structural engineer



David Knight is a young structural engineer. He's helped to design remarkable projects including the Greenwich Reach Swing Bridge in London and the Philippine Arena in Manila. Here are David's top five reasons for choosing a career in structural engineering...

## Make the world safer

Structural engineers make sure our buildings and infrastructure are safe to use. You might study how to stop buildings falling down during earthquakes, hurricanes and other natural disasters.



## Your work will last

As a structural engineer, you'll design buildings to last for fifty years, and bridges for over a century. Your work will be used and appreciated by many thousands of people, even after you've gone.



## Be a respected professional

You'll meet lots of people in your job, and will need to work together to make projects succeed. Structural engineering is not an easy profession, but if you enjoy a challenge and work hard, your work will be respected, and you'll be well paid.



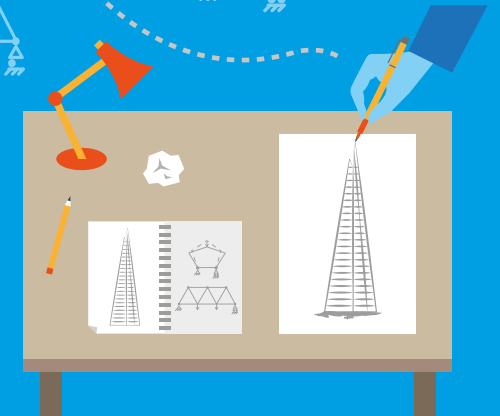
## Your ideas become reality

It's a real buzz to see and touch something you imagined and designed, knowing your skills helped to make it happen. You could be involved in creating useful structures, beautiful structures, or even record-breaking structures.



## Solve real world problems

You'll use many skills, from basic maths, sketching and communication, to complex physics and cutting edge technology. Structural engineers are the problem solvers, designing solutions to the challenges that modern construction projects present.



Find out more about structural engineering as a career.

[www.istructe.org/careers](http://www.istructe.org/careers)



## What is The Institution of Structural Engineers?

A global network of over 28,000 structural engineering professionals including some of the most talented and innovative engineers.

Find out more about our work and membership at [www.istructe.org](http://www.istructe.org)

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