



Civil Engineering & Planning



Hints and Tips

If you're good at problem-solving, or building impressive structures out of Lego, then this might be the career for you!

Civil engineers created the distinctive Tate St Ives building, bringing over £11 million to the Cornish economy every year.

Do you have an interest in designing and developing our towns and cities?

- You will need to have Maths and Physics at GCSE and Maths and a science (preferably Physics) at A Level or equivalent Level 3 course.
- Many universities and colleges have degree courses such as structural engineering or coastal engineering which specialise in a specific area of civil engineering. Or you can also go to university to study a related degree like Maths, Science or Geology and then do a postgraduate Masters in Civil Engineering.
- It is also possible to do Higher and Degree Apprenticeships which allow you to work and be paid while earning the qualification.
- Lots of courses involve work placements which are good for hands-on experience and making contacts for future employment.
- You will be working with clients, carrying out surveys, creating blueprints and planning for cost and time.
- It may involve working on site, in an office, or outdoors in all weathers.

What to Study?

- Architecture
- Building surveying
- Civil engineering
- Construction management
- Construction studies
- Project management for construction
- Urban and land studies

Where to Study?

- Anglia Ruskin University
- Birmingham City University
- City College Plymouth
- Coventry university
- University College London
- University of Edinburgh
- University of Portsmouth

Career Prospects?

- Building surveyor (£22,000 to £70,000)
- Civil engineer (£24,000 to £80,000)
- Design and development engineer (£20,000 to £50,000)
- Estimator (£18,000 to £40,000)
- Land-based engineer (£25,000 to £60,000)
- Planning and development surveyor (£20,000 to £70,000)
- Site engineer (£22,000 to £55,000)
- Town planner (£18,000 to £80,000)
- Urban designer (£22,000 to £55,000)